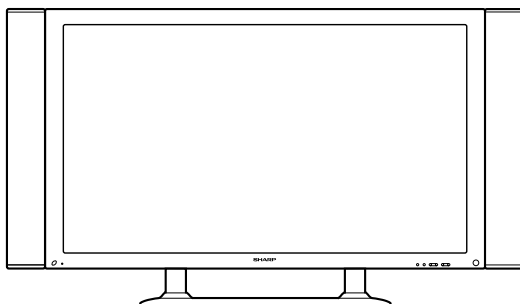


SHARP

SERVICE MANUAL

SY2U9PZ50HV2E



PLASMA DISPLAY TV (PANEL UNIT)

PZ-50HV2
PZ-50HV2E
PZ-50HV2U

MODELS

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

CONTENTS

	Page		Page
• IMPORTANT SERVICE SAFETY PRECAUTION ...	2	• OVERALL WIRING DIAGRAM	74
• SPECIFICATIONS	4	• WAVEFORMS	78
• SAFETY INFORMATION	5	• SCHEMATIC DIAGRAM	82
• OPERATION MANUAL	8	• PRINTED WIRING BOARD ASSEMBLIES	178
• DIMENSIONS	11	• PARTS LIST	
• REMOVING OF MAJOR PARTS	12	■ ELECTRICAL PARTS	204
• ADJUSTMENT PROCEDURES	16	■ CABINET AND MECHANICAL PARTS	231
• TROUBLE DIAGNOSIS	35	■ PACKING PARTS	253
• CHASSIS LAYOUT	42	• PACKING OF THE SET	254
• DESCRIPTION OF MAJOR IC FUNCTIONS	43	• SPEAKER SYSTEMS	255
• BLOCK DIAGRAM	62		

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE SAFETY PRECAUTION

- Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE. 9GJAEK1071(10A/400V): PZ-50HV2E, 9GJAEK1069 (10A/125V): PZ-50HV2U FUSE.

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

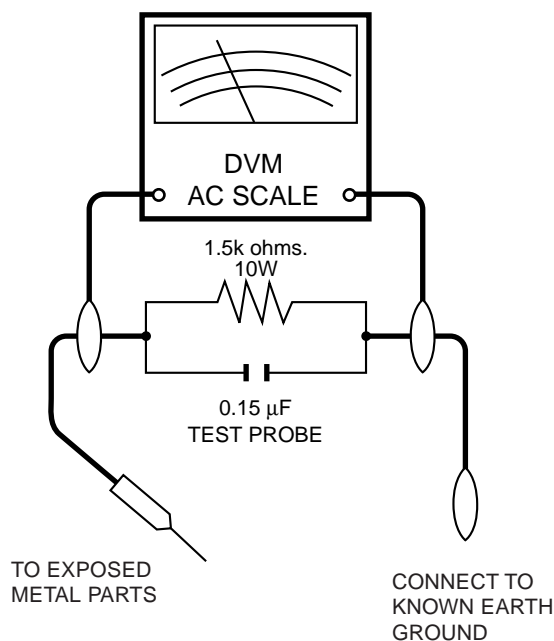
Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators and etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 110~240 volt AC outlet, and connect the DC power cable into the receiver's DC jack. (Do not use an isolation transformer for this test).
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.

- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon and etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 35V peak (this corresponds to 0.7 milliamp. peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage and etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by “⚠”

and shaded areas in the **Replacement Parts List and Schematic Diagrams**.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit.
C'est dangereux.
2. Débrancher le récepteur avant toute réparation.

PRECAUTION: POUR LA PROTECTION CONTINUE CONTRE LES RISQUES D'INCENDIE, REMPLACER LE FUSIBLE PAR UN FUSIBLE DE MEME TYPE 9GJAEK1071(10A/400V): PZ-50HV2E, 9GJAEK1069 (10A/125V): PZ-50HV2U.

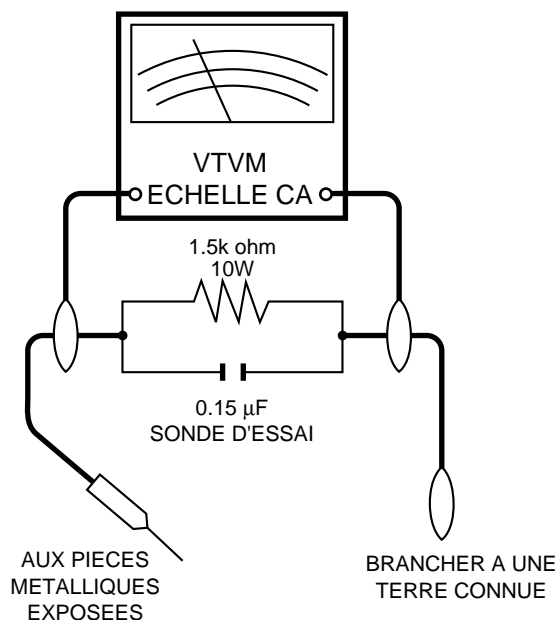
VERIFICATIONS CONTRE L'INCENDIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la façon suivante:
 - Brancher le cordon d'alimentation directement à une prise de courant de 110-240V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
 - A l'aide de deux fils à pinces, brancher une résistance de 1.5 k Ω 10 watts en parallèle avec un condensateur de 0,15 μ F en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.

- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000 Ω /V pour mesurer la chute de tension en travers de la résistance.
 - Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.)
- Tous les courants mesurés ne doivent pas dépasser 0,5 mA.


Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseurs présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.

Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont

identifiées par la marque "  " et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.

Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

SPECIFICATIONS

Item	50" Plasma Display TV (Panel Unit), Model: PZ-50HV2/2E	50" Plasma Display TV (Panel Unit), Model: PZ-50HV2U
Number of Pixels	2,949,120 dots	2,949,120 dots
Audio Amplifier	12 W + 12 W (10 % distortion)	12 W + 12 W (10 % distortion)
Surround System	SRS/FOCUS/SRS + FOCUS	SRS/FOCUS/SRS + FOCUS
Power requirement	AC 220-240V, 50/60 Hz, 356W (0.8 W Standby)	110-240V AC, 50/60 Hz, 371W (0.8 W Standby)
Dimensions	1436 (W) × 826 (H) × 428 (D) mm (with set stand and speakers)	1436(W) × 826 (H) × 428 (D) mm (with set stand and speakers) (56 9/16 (W) × 32 17/32 (H) × 16 7/8 (D) inch)
Weight	52.0 kg (with set stand and speakers)	52 kg (114.6 lbs.) (with set stand and speakers)
Accessories	Power cord, Cleaning cloth, Two screws for preventing the System from falling over, Set stand securing bracket, Four screws for set stand securing bracket, System cable clamp, Five speaker cable clamps, Four speaker brackets, Hexagon wrench, Two speaker cables, Two kinds of screws for speaker brackets, Two speakers, Two spacers for speakers	Power cord, Cleaning cloth, Two screws for preventing the System from falling over, Stopper for set stand, Four screws for set stand, System cable clamp, Five speaker cable clamps, Four speaker brackets, Hexagon wrench, Two speaker cables, Two kinds of four screws for speaker bracket, Two spacers for speakers, Two speakers

Specifications are subject to change without prior notice.

SAFETY INFORMATION

This service manual is intended for qualified service technicians ; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual. Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.



WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 – Proposition 65



NOTICE

(FOR CANADIAN MODEL ONLY)

Fuse symbols  (fast operating fuse) and/or  (slow operating fuse) on PWB indicate that replacement parts must be of identical designation.

REMARQUE

(POUR MODÈLE CANADIEN SEULEMENT)

Les symboles de fusible  (fusible de type rapide) et/ou  (fusible de type lent) sur CCI indiquent que les pièces de remplacement doivent avoir la même désignation.

SAFETY PRECAUTIONS

NOTICE :Comply with all cautions and safety related notes located on or inside the cabinet and on the chassis.

The following precautions should be observed :

1. When service is required, even though the PDP UNIT an isolation transformer should be inserted between the power line and the set in safety before any service is performed.
2. When replacing a chassis in the set, all the protective devices must be put back in place, such as barriers, nonmetallic knobs, adjustment and compartment covershields, isolation resistor-capacitor, etc.
3. When service is required, observe the original lead dress. Extra precaution should be taken to assure correct lead dress in the high voltage circuitry area.
4. Always use the manufacture's replacement components. Especially critical components as indicated on the circuit diagram should not be replaced by other manufacture's. Furthermore where a short circuit has occurred, replace those components that indicate evidence of overheating.
5. Before returning a serviced set to the customer, the service technician must thoroughly test the unit to be certain that it is completely safe to operate without danger of electrical shock, and be sure that no protective device built into the set by the manufacture has become defective, or inadvertently defeated during servicing. Therefore, the following checks should be performed for the continued protection of the customer and service technician.
6. Perform the following precautions against unwanted radiation and rise in internal temperature.
 - Always return the internal wiring to the original styling.
 - Attach parts (Gascket, Ferrite Core, Ground, Rear Cover, Shield Case etc.) surely after disassembly.
7. Perform the following precautions for the PDP panel.
 - When the front case is removed, make sure nothing hits the panel face, panel corner, and panel edge (so that the glass does not break).
 - Make sure that the panel vent does not break. (Check that the cover is attached.)
 - Handle the FPC connected to the panel carefully. Twisting or pulling the FPC when connecting it to the connector will cause it to peel off from the panel.
8. Pay attention to the following.
 - Be sure to wire the fan. If the fan does not work, the temperature will rise and cause the protection circuit to operate.
 - When the front case is removed, infrared ray is radiated and may disturb reception of the remote control unit.
 - Pay extreme caution when the front case and rear panel are removed because this may cause a high risk of disturbance to TVs and radios in the surrounding.

Leakage Current Cold Check

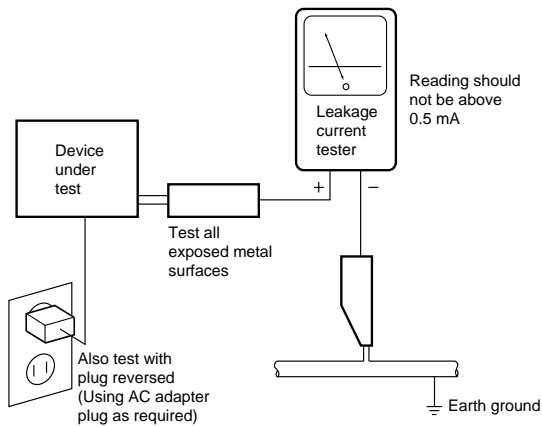
With the AC plug removed from an AC power source, place a jumper across the two plug prongs. Turn the AC power switch on. Using an insulation tester (DC 500V), connect one lead to the jumpered AC plug and touch the other lead to each exposed metal part (input/output terminals, screwheads, metal overlays, control shafts, etc.), particularly any exposed metal part having a return path to the chassis. Exposed metal parts having a return path to the chassis should have a minimum resistor reading of $0.3M\Omega$ and a maximum resistor reading of $5M\Omega$. Any resistor value below or above this range indicates an abnormality which requires corrective action. Exposed metal parts not having a return path to the chassis will indicate an open circuit.

Leakage Current Hot Check

Plug the AC line cord directly into an AC power source (do not use an isolation transformer for this check).

Turn the AC power switch on.

Using a "Leakage Current Tester (Simpson Model 229 equivalent)", measure for current from all exposed metal parts of the cabinet (input/output terminals, screwheads, metal overlays, control shaft, etc.), particularly any exposed metal part having a return path to the chassis, to a known earth ground (water pipe, conduit, etc.). Any current measured must not exceed 0.5mA.



ANY MEASUREMENTS NOT WITHIN THE LIMITS OUTLINED ABOVE ARE INDICATIVE OF A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED BEFORE RETURNING THE SET TO THE CUSTOMER.

PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in SHARP set have special safety related characteristics. These are often not evident from visual inspection nor the protection afforded by them necessarily can be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this Service Manual.

Electrical components having such features are identified by marking with a Δ on the schematics and on the parts list in this Service Manual.

The use of a substitute replacement component which does not have the same safety characteristics as the SHARP recommended replacement one, shown in the parts list in this Service Manual, may create shock, fire or other hazards.

Product Safety is continuously under review and new instructions are issued from time to time. For the latest information, always consult the current SHARP Service Manual. A subscription to, or additional copies of, SHARP Service Manual may be obtained at a nominal charge from SHARP.

CHARGED SECTION AND HIGH VOLTAGE GENERATING POINT

■Charged Section

The places where the commercial AC power is used without passing through the power supply transformer.

If the places are touched, there is a risk of electric shock. In addition, the measuring equipment can be damaged if it is connected to the GND of the charged section and the GND of the non-charged section while connecting the set directly to the commercial AC power supply. Therefore, be sure to connect the set via an insulated transformer and supply the current.

1. AC Power Cord
2. AC Inlet with Filter
3. Power Switch (S1)
4. Fuse (In the SW POWER SUPPLY Module)
5. STB Transformer and Converter Transformer
(In the SW POWER SUPPLY Module)
6. Other primary side of the SW POWER SUPPLY Module

■High Voltage Generating Point

The places where voltage is 100V or more except for the charged places described above. If the places are touched, there is a risk of electric shock.

1. SW POWER SUPPLY Module (225V)
2. X DRIVE Assy (–300V to 225V)
3. Y DRIVE Assy (355V)
4. SCAN (A) Assy (355V)
5. SCAN (B) Assy (355V)
6. X CONNECTOR (A) Assy (–300V to 225V)
7. X CONNECTOR (B) Assy (–300V to 225V)

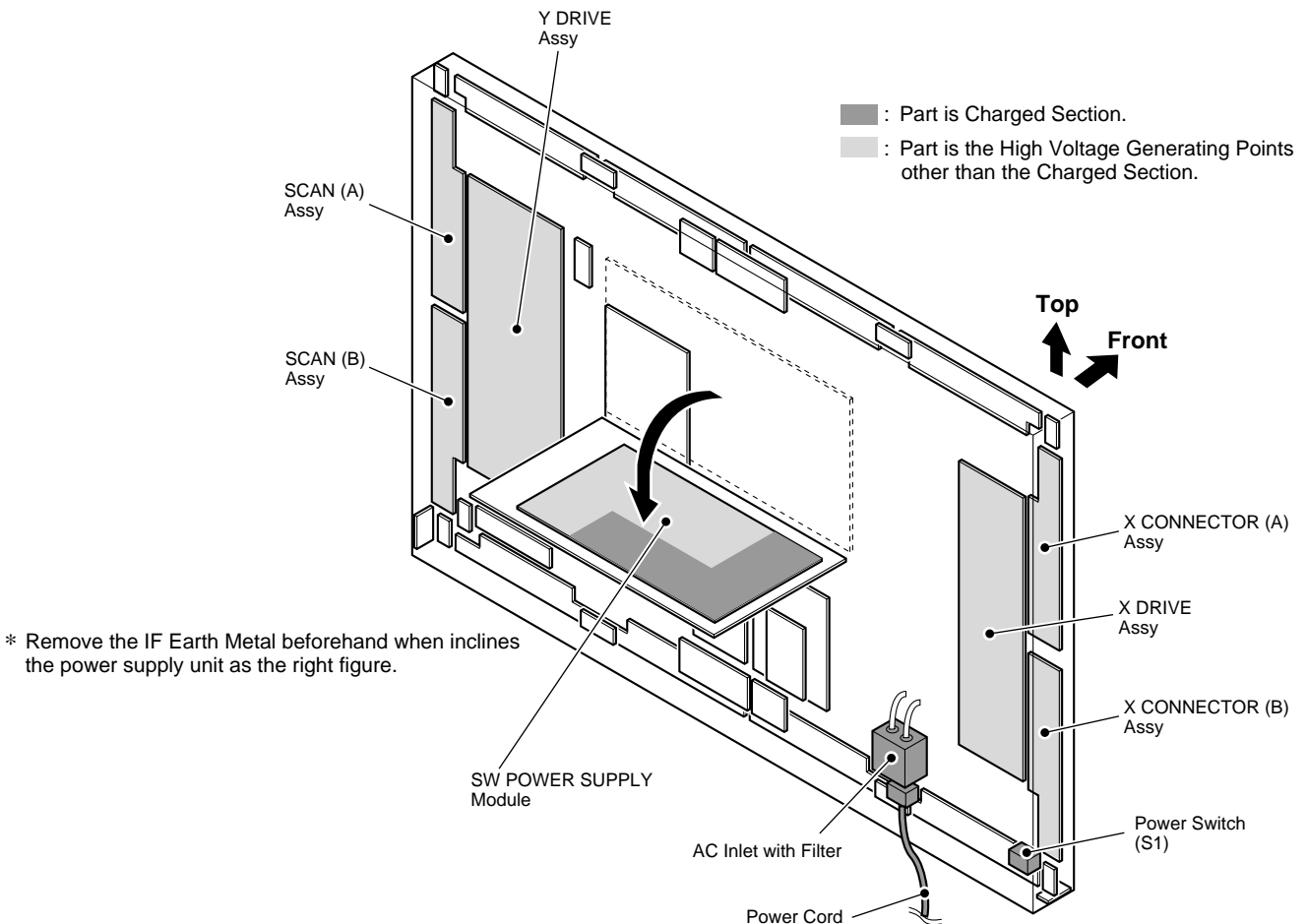
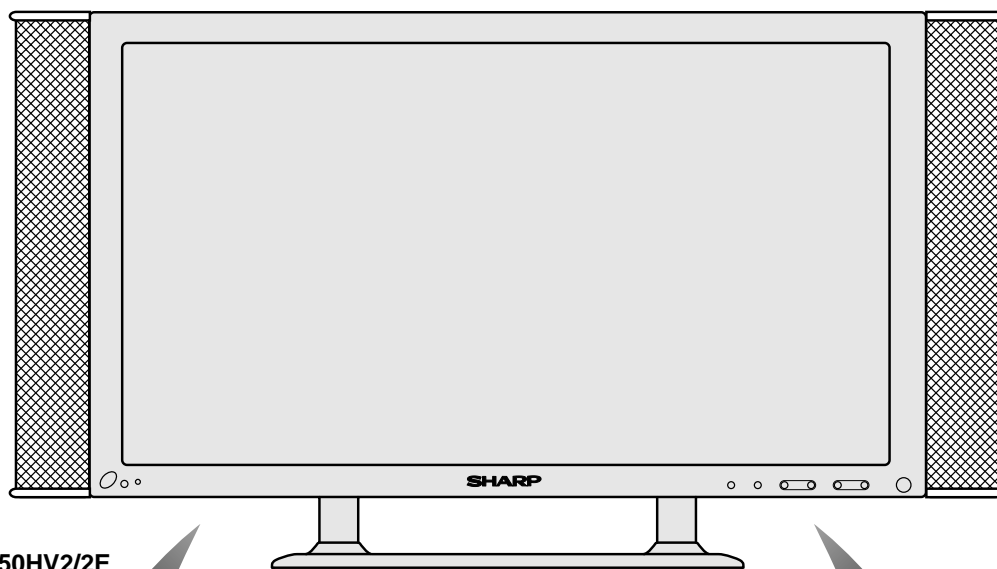


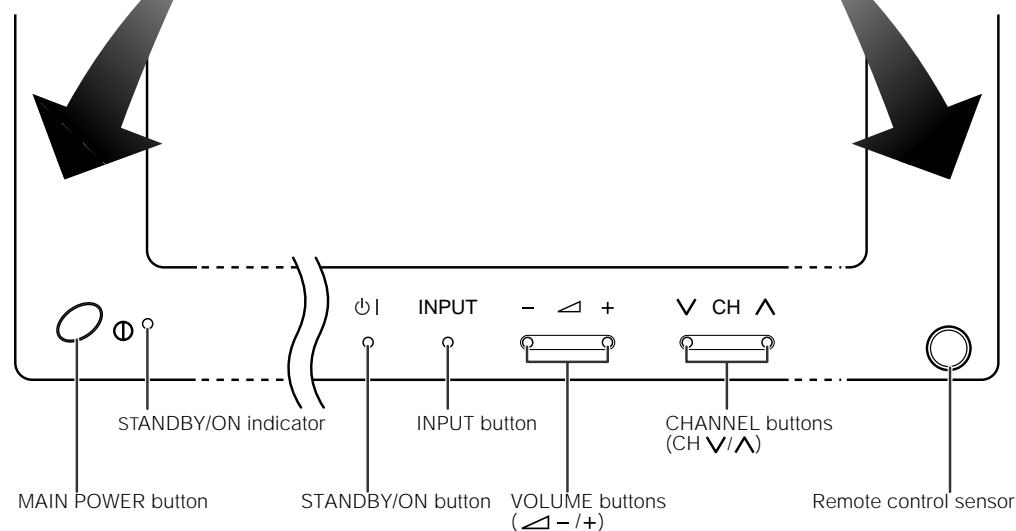
Fig.1 Charged Section and High Voltage Generating Point (Rear View)

OPERATION MANUAL

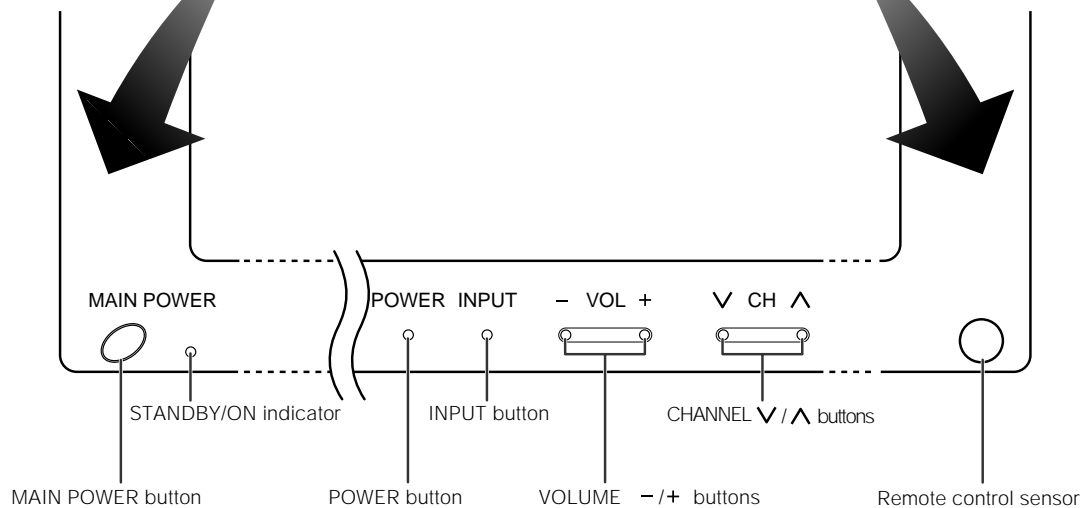
Plasma Display TV (Panel Unit)



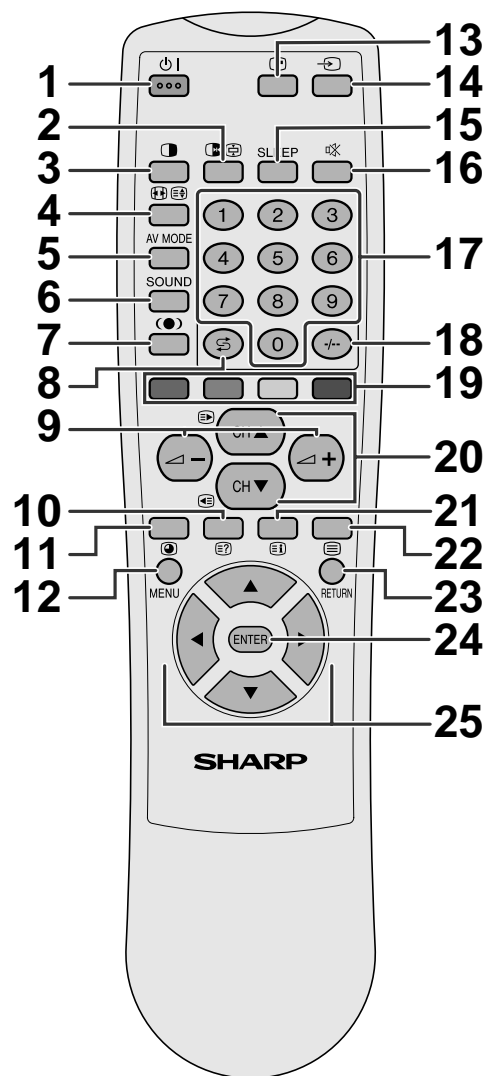
PZ-50HV2/2E



PZ-50HV2U



Remote control unit (PZ-50HV2/2E)

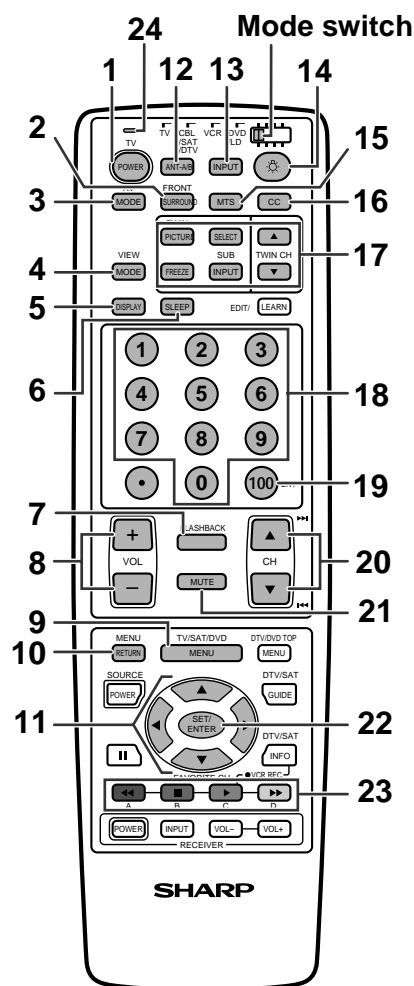


NOTE

- When using the remote control unit, point it at the Plasma Display TV (Panel Unit).
- * "TV", "INPUT1", "INPUT2", "INPUT3", "INPUT4" and "PC" modes can each store the WIDE mode setting separately. The same for AV mode and volume.

- 1** **⏻ (STANDBY/ON)**
To switch the power on and off.
- 2** **⏻ (FREEZE/HOLD for TELETEXT)**
TV/External input mode: Change the still image mode.
TELETEXT mode: Freeze a multi-page on screen while other pages are automatically updated. Press **⏻** again to return to the normal image.
- 3** **⏻ (DUAL screen)**
Set the dual picture mode. Press **⏻** again to return to normal view.
- 4** **⏻ (WIDE MODE/ T/B/F)***
TV/External input mode: Change the wide image mode.
TELETEXT mode: Set the area of magnification. (full/upper half/lower half)
- 5** **AV MODE***
Select a video setting. AV MODE (STANDARD, DYNAMIC, MOVIE, GAME, USER) PC MODE (STANDARD, USER)
- 6** **SOUND**
Select the sound multiplex mode.
- 7** **⏻ (SRS and FOCUS)**
Select SRS and FOCUS Sound System.
- 8** **⏻ (FLASHBACK)**
Press to return to the previous channel in normal viewing mode.
Press to return to the previous page in TELETEXT mode.
- 9** **⏻ / ⏻ + (VOLUME)***
Set the volume.
- 10** **⏻ (Reveal hidden for TELETEXT)**
TELETEXT mode: Display hidden characters.
- 11** **⏻ (SUBPAGE for TELETEXT)**
TELETEXT mode: Change the picture mode for sub-page selecting.
- 12** **MENU**
Display the Menu screen.
- 13** **⏻ (CHANNEL INFORMATION)**
Display the channel information and time.
- 14** **⏻ (INPUT SOURCE)**
Select an input source. (TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, PC)
- 15** **SLEEP**
Set the SLEEP TIMER.
- 16** **⏻ (MUTE)**
Mute the sound.
- 17** **0 - 9**
TV/External input mode: Set the channel.
TELETEXT mode: Set the page.
- 18** **-/-- (Digit for channel select)**
Change the digits of the selected TV channel.
- 19** **Colour (RED/GREEN/YELLOW/BLUE)**
TELETEXT mode: Select a page.
- 20** **CH▲/CH▼ (⏻ / ⏻)**
TV/External input mode: Select the channel.
TELETEXT mode: Set the page.
- 21** **⏻ (TOP Overview for TELETEXT)**
TELETEXT mode: Display an index page for CEEFAX/FLOF information. TOP OVER VIEW for TOP programme.
- 22** **⏻ (TELETEXT)**
Select the TELETEXT mode. (all TV image, all TEXT image, TV/TEXT image)
- 23** **RETURN**
MENU mode: Return to the previous menu screen.
- 24** **ENTER**
Execute a command.
Return to the initial image position after moving with **▲/▼/◀/▶**.
- 25** **▲/▼/◀/▶ (Cursor)**
Select a desired item on the setting screen.
Move the picture on the screen.

Remote control unit (PZ-50HV2U)



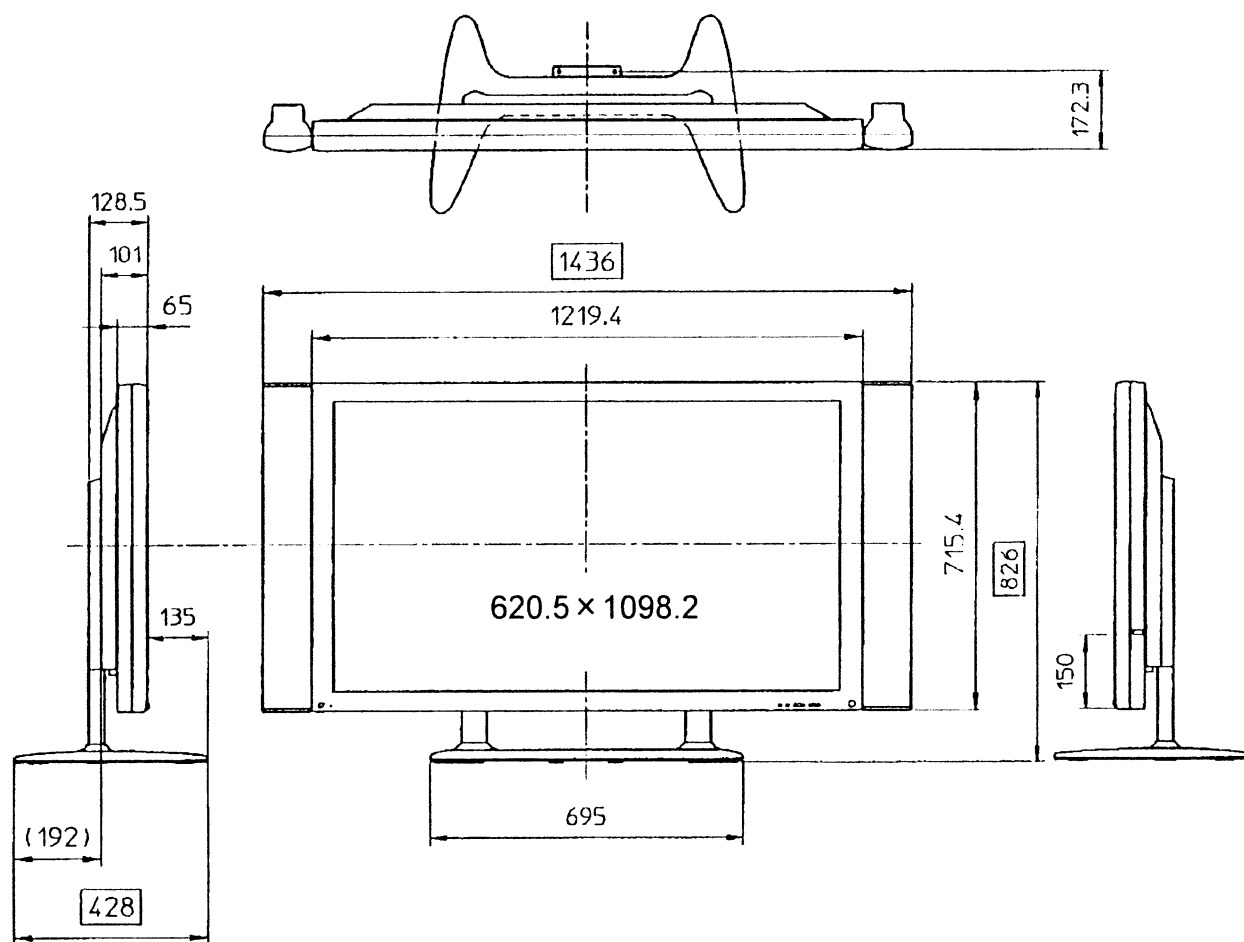
NOTE

- When using the remote control unit, point it at the Plasma Display TV (Panel Unit).
- Press DTV/SAT INFO and ► at the same time to begin recording.

Set the mode switch to TV.

- TV** : Switch the Plasma Display power on or off.
- FRONT SURROUND**: Set SRS and FOCUS Sound System mode.
- AV MODE**: Select an audio or video setting.
(AV mode: STANDARD, DYNAMIC, MOVIE, GAME, USER.
PC mode: STANDARD, USER.)
- SCREEN MODE**: Select the screen size.
- DISPLAY**: Display the channel information.
- SLEEP**: Set the SLEEP timer.
- CH RETURN**: Return to the previous channel.
- VOL +/-** : Set the volume.
- MENU**: Display the menu screen.
- MENU RETURN**: Return to the previous menu screen.
- ▲/▼/◀/▶** : Select a desired item on the setting screen.
- ANT**: Select the antenna. (A, B)
- INPUT**: Select an input source of the Plasma Display.
(TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, PC)
- LED**: When pressed all buttons on the remote control unit will light. The lighting will turn off if no operations are performed within about 5 seconds. This button is used for performing operations in dark places.
- MTS**: Select the MTS/SAP.
- CC**: Display captions during closed-caption source.
- Dual picture mode select buttons**
TWIN PICTURE: Set the dual picture mode. Press again to return to normal screen.
FREEZE: Set the still image. Press again to return to normal screen.
SELECT: Select the active screen.
SUB INPUT: Select an input source of sub screen.
TWIN CH +/- : Select the channel of sub screen.
- 0 - 9**: Set the channel.
- 100, CH ENTER**: Select the three digit mode. Execute a command of the channel. (When you select CBL/SAT/DTV mode, this button operates as CH ENTER function.)
- CH ▲/▼**: Select the channel.
- MUTING**: Mute the sound.
- SET/ENTER**: Execute a command.
- FAVORITE CH**
A, B, C, D: Select any of four preset channels. While watching you can toggle the set channels by pressing A, B, C and D.
- LED for transmission confirmation**

DIMENSIONS



(Unit : mm)

REMOVING OF MAJOR PARTS

About detect switch

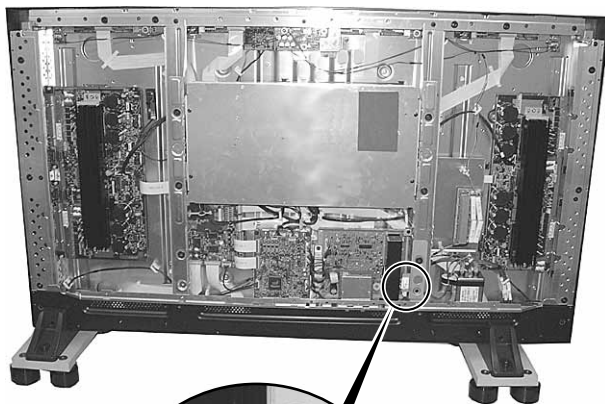
This unit adopt the "Rear Case opened ! detection" system.
Please work in service as follows by all means.

● Outline and caution

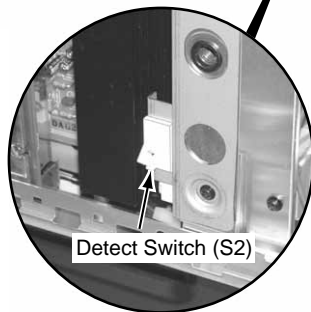
Perform video transmission from the AVC System to the plasma display with digital signal in the PZ-50HV2 series.
Therefore adopt contents protection by HDCP for copyright protection.

Moreover establish the detect switch which is never turned on the power when "a rear case of plasma display was opened carelessly".

Detect switch does not detect at the power supply OFF and the remote control unit wait state. Please stick this detect switch with tape before turning on the power in inside diagnoses of the plasma display. And please remove it not to forget the tape which stuck after the repair.



● Rear View



Detect Switch (S2)

● When detect switch has worked by any chance

When detect switch works, LED of red blinks in succession by a 300msec period.

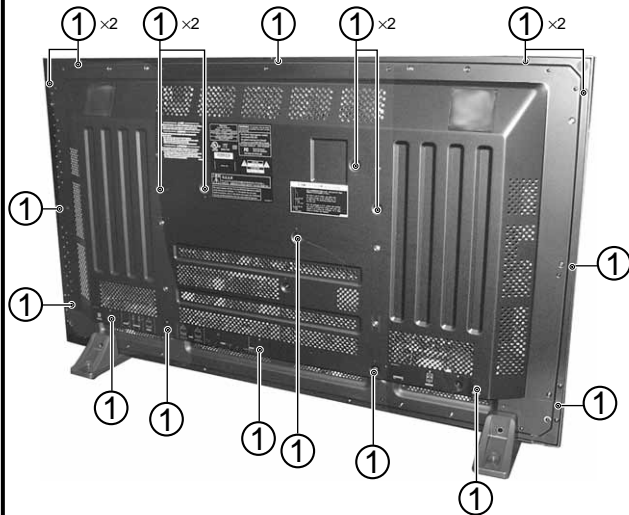
Press keys in order of "MENU" key, "ENTER" key and "POWER" key with the remote control unit after sticking the detect switch with tape or close the rear case beforehand.

This unit activates and it becomes the service factory mode screen. Afterwards, turn off the power with the remote control unit.

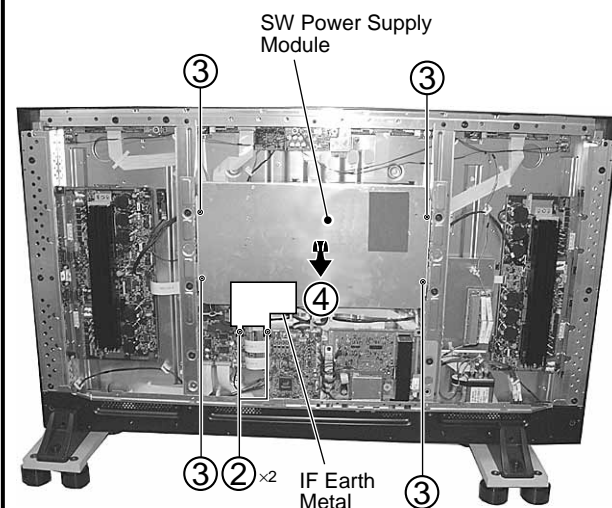
Perform the normal operation afterward.

SW Power Supply Module

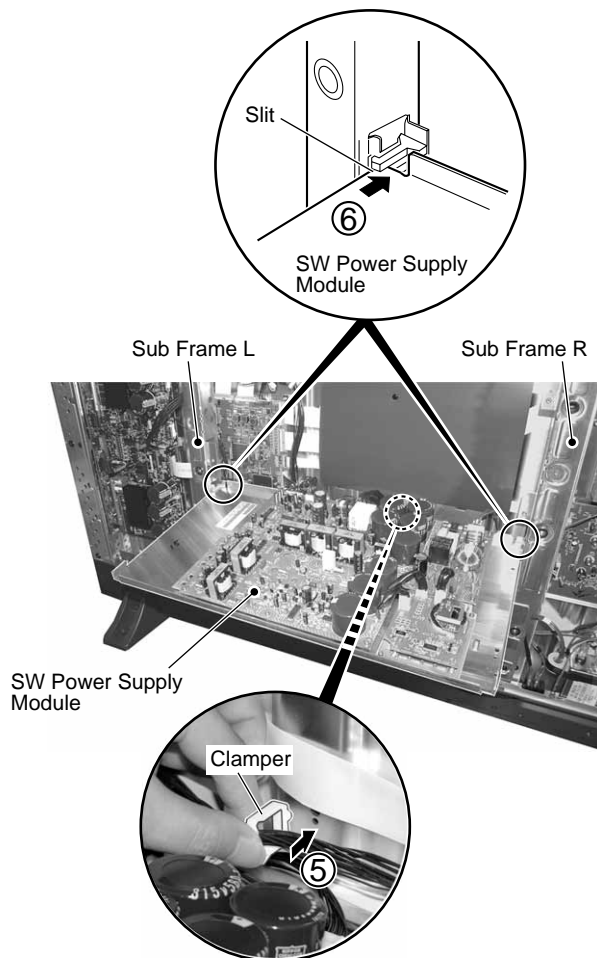
- ① Remove the Rear Case (P).(Screws × 19)



- ② Remove the IF Earth Metal.(Screws × 2)
- ③ Remove four screws.
- ④ Remove the SW Power Supply Module.



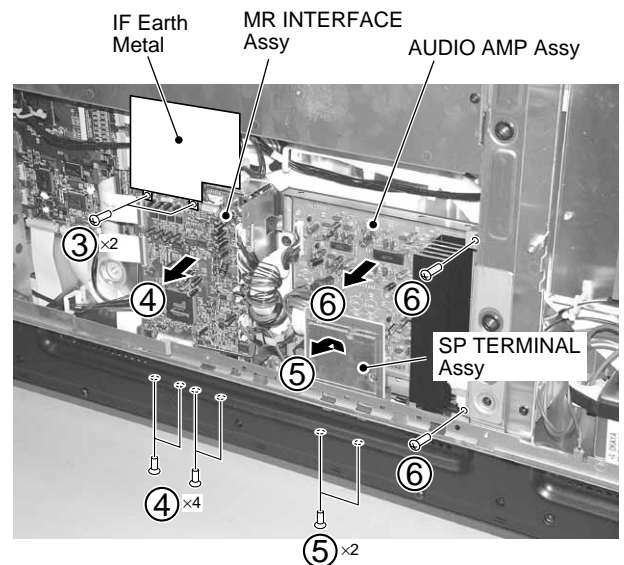
- ⑤ Insert it and reduce the Clamper.
- ⑥ Insert the SW Power Supply Module into the slit of Sub Frame L and R.



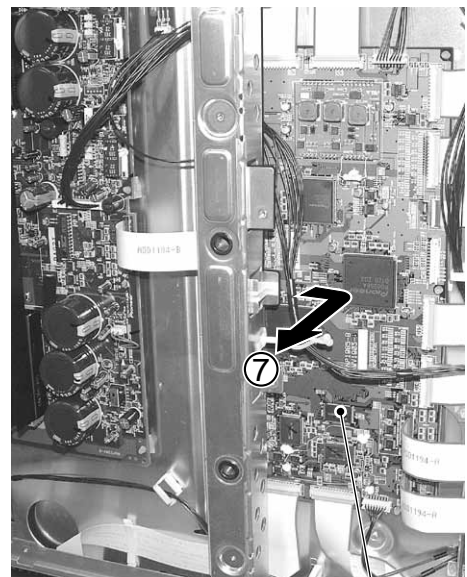
Diagnosis

MR INTERFACE, AUDIO AMP SP TERMINAL and DIGITAL VIDEO Assys

- ① Remove the Rear Case (P). (Screws × 19)
- ② Remove the SW Power Supply Module. (Connector, Screws × 4)
- ③ Remove the IF Earth Metal (Screws × 2)
- ④ Remove the MR INTERFACE Assy (Connector, Screws × 4)
- ⑤ Remove the SP TERMINAL Assy (Connector, Screws × 2)
- ⑥ Remove the AUDIO AMP Assy (Connector, Screws × 2)



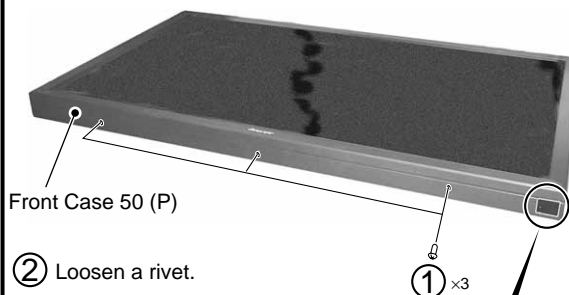
- ⑦ Remove the DIGITAL VIDEO Assy (Connector, Circuit Board Spacer × 6)



DIGITAL VIDEO Assy

Y DRIVE, SCAN (A), (B) Assy

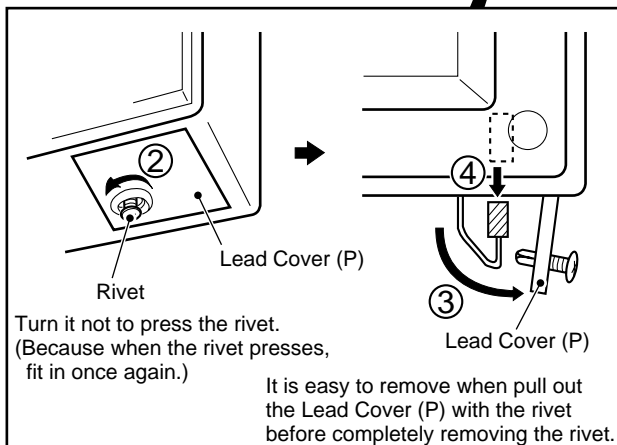
- ① Remove the three screws.



- ② Loosen a rivet.

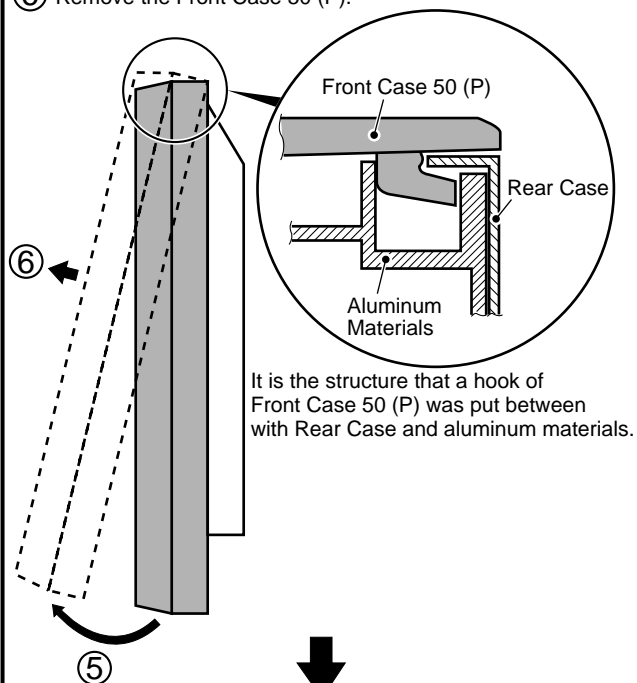
- ③ Remove the Lead Cover (P).

- ④ Pull out a Flexible Cable.



- ⑤ Remove bottom by the fulcrum at the top of Front Case 50 (P).

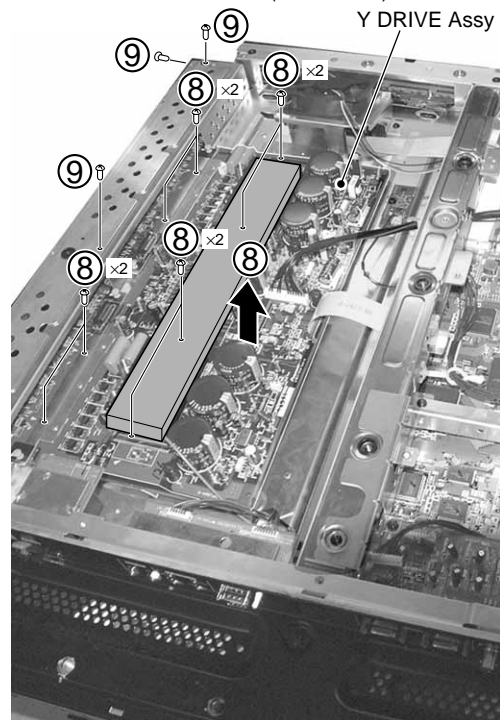
- ⑥ Remove the Front Case 50 (P).



- ⑦ Remove the Rear Case (P). (Screws × 19)

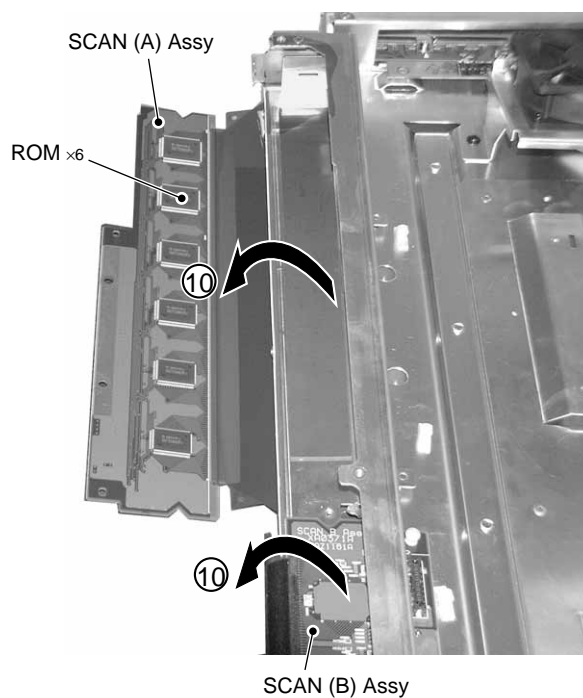
- ⑧ Remove the Y DRIVE Assy. (Connector, Screws × 8)

- ⑨ Remove the Front Chassis V. (Screws × 5)



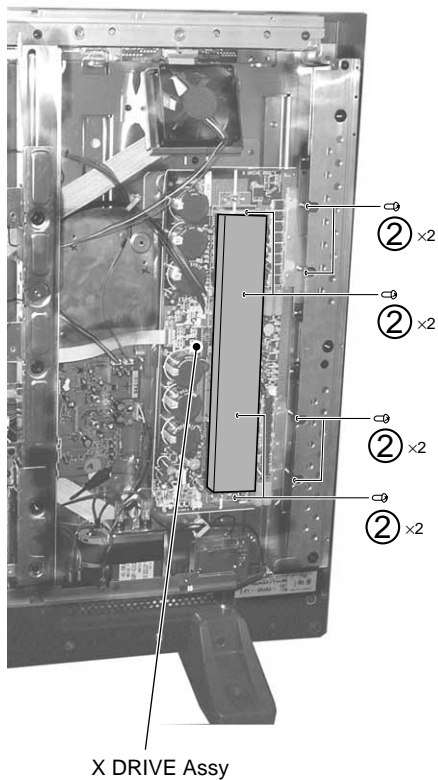
- ⑩ Reverse the SCAN (A) and SCAN (B) Assemblies.

- ⑪ When it is necessary, exchange the ROM.



X DRIVE Assy

- ① Remove the Rear Case (P). (Screws × 19)
- ② Remove the X DRIVE Assy. (Connector, Screws × 8)



ADJUSTMENT PROCEDURES

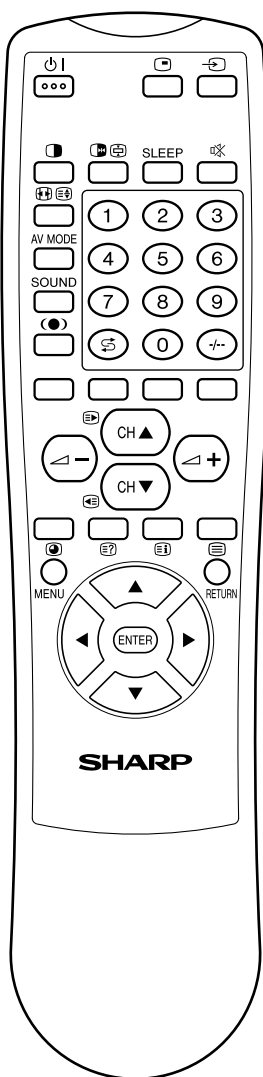
SERVICE FACTORY MODE

Service factory mode uses an OSD function of the AVC System.
Perform the adjustment and setting in the state that this unit and Media Receiver are connected by the system.
Plasma display cannot use a factory mode by being simple.

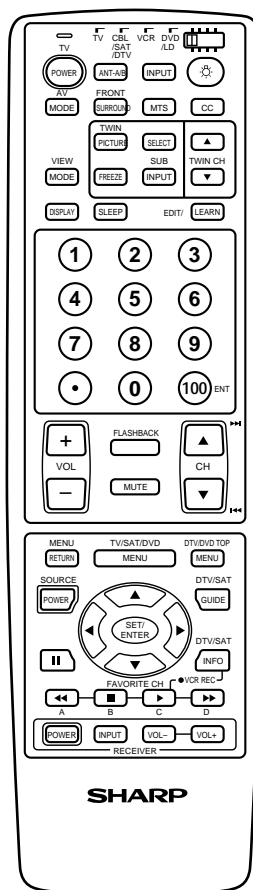
■ Remote Control Unit Operation in The Service Factory Mode

Operate the service factory mode with the remote control unit of accessory of the AVC System.
Please perform the adjustment by operating the following keys.

Remote Control Key	Function
CH▲ key	One line moves the selection cursor of the adjustment item up.
CH▼ key	One line moves the selection cursor of the adjustment item down.
VOL ▲ + key	+1 raises a adjustment value
VOL ▲ - key	-1 reduces a adjustment value
▲ key	Perform page down (previous page)
▼ key	Perform page up (next page)
◀ key	-10 reduces a adjustment value
▶ key	+10 raises a adjustment value

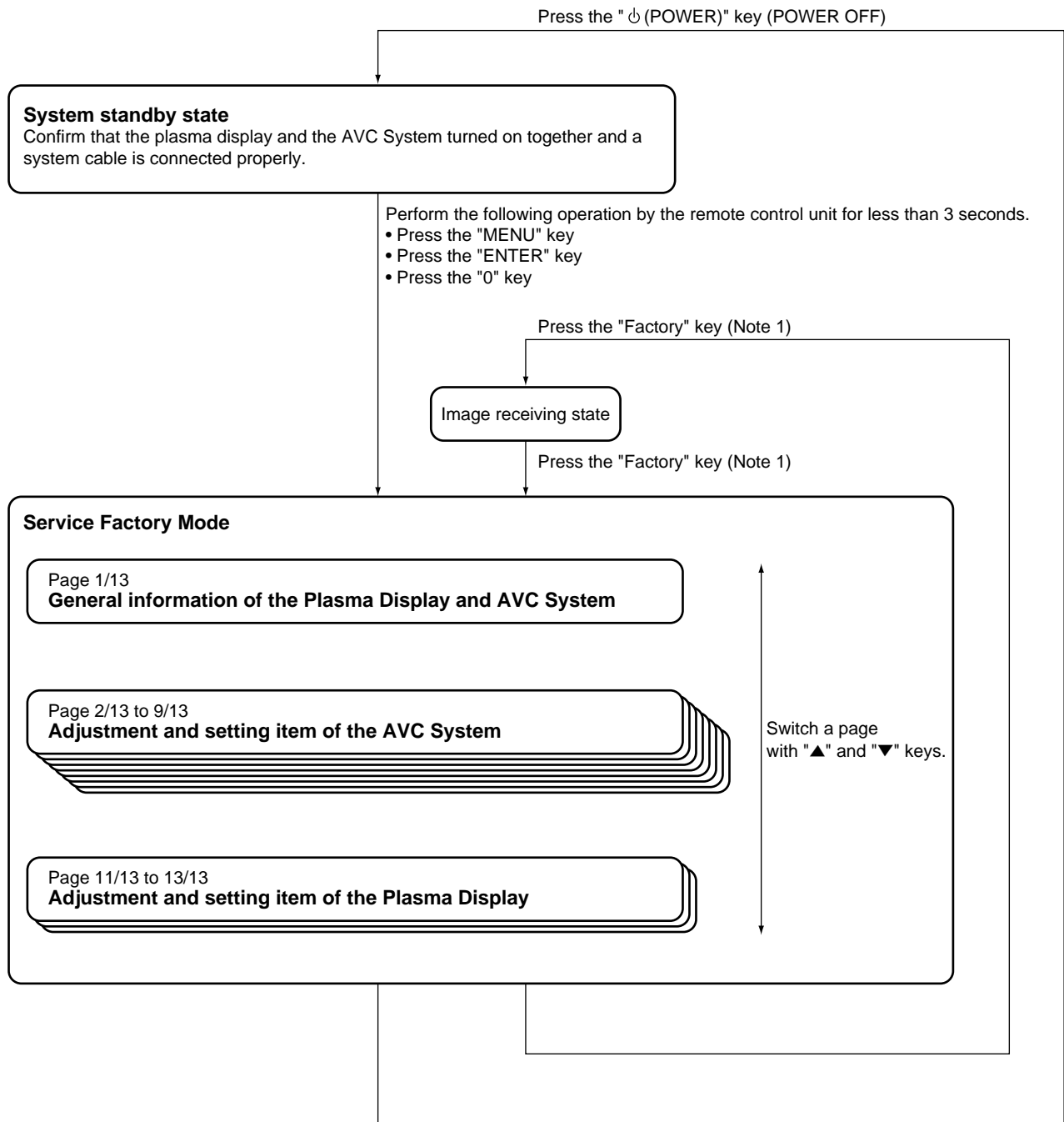


Model: PZ-50HV2/2E



Model: PZ-50HV2U

1. How to Enter the Service Factory Mode



Note 1: When use the adjustment exclusive use remote control unit with a [AA5F] code.

* : Be careful so that there is the case that page constitution is different.

2. General Information of the Plasma Display and AVC System

● Display example of the first page

	1/13		INPUT1 No SIG	
1	CENTER Version	MR MAIN E	2001/09/25 H	
2	OSD Version	MR OSD	2001/09/10 A	
3	CVIC Version	W2001/09/12 09:00	X2001/09/12 09:07	V2001/09/12 09:10
4	TTXP Version	TTX PRG		061
5	MONITOR Version	F6 91 10		
6	PANEL Version	-00		
7	FLASH Version	-05		
8	MONITOR Model	01		
9	Model Select Main	0		
10	Model Select AV	4		
11	Model Select MONITOR	0		
12	Sensore Temp	+28		
13	Center Acutime	16	H 41 M	
14		RESET OFF		
15	Monitor Acutime	47	H 42 M	
16		RESET OFF		
17	Pulse Acutime	164		
18		RESET OFF		

No.	Item	Explanation
1	Main software version information of the AVC System	
2	OSD version information of the AVC System	
3	IP/resize IC control software version information of the AVC System	
4	Text microcomputer software version information of the AVC System	
5	Module microcomputer software version information of the PDP	
6	Panel microcomputer version information of the PDP	Reference
7	Panel flash ROM version information of the PDP	
8	PDP model information	01: PIONEER 50 inches, 02: PIONEER 43 inches, 11: SHARP 50 inches, 12: SHARP 43 inches
9	AVC System model information	
10	AVC System model information	
11	PDP destination information	0: All SHARP destinations, Japanese and North America destinations of PIONEER, 3: European and general destinations of PIONEER
12	Temperature information of panel temperature sensor on the PDP	This is internal temperature information. This is not establishment environment temperature.
13	AVC System accumulation operating time	
14	AVC System accumulation operating time reset	Turn the display to [ON] by pressing the "VOL +" key, then it becomes [0H] when pressing the "ENTER" key.
15	PDP accumulation operating time	
16	PDP accumulation operating time reset	Turn the display to [ON] by pressing the "VOL +" key, then it becomes [0H] when pressing the "ENTER" key.
17	PDP accumulation pulse number	Real accumulation pulse number becomes "indicated value *10,000,000 pulse".
18	PDP accumulation pulse number reset	Turn the display to [ON] by pressing the "VOL +" key, then it becomes [0] when pressing the "ENTER" key.

* : Be careful so that there is the case that page constitution is different.

3. Adjustment and Setting Item of the Plasma Display

● Display example of the eleventh page

	11/13		INPUT1 No SIG
1	MNTR V50 WB	02	
2	MNTR V60 WB	01	
3	MNTR PC WB	01	
4	MNTR R HIGH1	255	
5	MNTR G HIGH1	255	
6	MNTR B HIGH1	254	
7	MNTR R LOW1	510	
8	MNTR G LOW1	509	
9	MNTR B LOW1	512	
10	MNTR R HIGH2	255	
11	MNTR G HIGH2	255	
12	MNTR B HIGH2	254	
13	MNTR R LOW2	510	
14	MNTR G LOW2	511	
15	MNTR B LOW2	512	
16			
17			
18			

No.	Item	Adjustable Range	Shipping Setting	Storage Place
1	PDP_W/B table selection at VIDEO 50Hz	1 or 2	2	PDP
2	PDP_W/B table selection at VIDEO 60Hz	1 or 2	1	PDP
3	PDP_W/B table selection at PC	1 or 2	1	PDP
4	RED_GAIN of PDP_W/B table 1	0 to 255	Factory adjustment value	PDP
5	GREEN_GAIN of PDP_W/B table 1	0 to 255	Factory adjustment value	PDP
6	BLUE_GAIN of PDP_W/B table 1	0 to 255	Factory adjustment value	PDP
7	RED_OFS of PDP_W/B table 1	0 to 999	Factory adjustment value	PDP
8	GREEN_OFS of PDP_W/B table 1	0 to 999	Factory adjustment value	PDP
9	BLUE_OFS of PDP_W/B table 1	0 to 999	Factory adjustment value	PDP
10	RED_GAIN of PDP_W/B table 2	0 to 255	Factory adjustment value	PDP
11	GREEN_GAIN of PDP_W/B table 2	0 to 255	Factory adjustment value	PDP
12	BLUE_GAIN of PDP_W/B table 2	0 to 255	Factory adjustment value	PDP
13	RED_OFS of PDP_W/B table 2	0 to 999	Factory adjustment value	PDP
14	GREEN_OFS of PDP_W/B table 2	0 to 999	Factory adjustment value	PDP
15	BLUE_OFS of PDP_W/B table 2	0 to 999	Factory adjustment value	PDP

Caution in the PDP W/B (No.4 to 15) adjustment:

Adjustment value is reflected without relation in input signal during adjustment to the actual PDP.

For example, when operate a adjustment value of [MNTR HIGH1] during PAL input, switch to the adjustment value operation of W/B table 1 while displaying PAL in the actual PDP.

This is temporary.

After adjustment, it becomes the W/B table 2 operation in the PAL input after restarted in the normal mode. It becomes an operation of the W/B table 1 adjustment value after adjustment in the NTSC input.

As for the above example, table selection (No. 1 and 2) becomes the shipping setting.

* : Be careful so that there is the case that page constitution is different.

● Display example of the twelfth page

	12/13		INPUT1 No SIG
1	ABL VIDEO60 PC	118	
2	ABL VIDEO50	122	
3	VOFS ADJ	131	
4	VSUS ADJ	128	
5	XSUSB ADJ	08	
6	XSUSG ADJ	08	
7	YSUSB ADJ	08	
8	YSUSG ADJ	08	
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

No.	Item	Adjustable Range	Shipping Setting	Storage Place
1	Electric power setting at the PC, VIDEO 60Hz	0 to 255	Factory adjustment value	PDP
2	Electric power setting at VIDEO 50Hz	0 to 255	Factory adjustment value	PDP
3	VOFS voltage setting	0 to 255	Factory adjustment value	PDP
4	VSUS voltage setting	0 to 255	Factory adjustment value	PDP
5	SUS_B timing setting of X drive	0 to 15	Factory adjustment value	PDP
6	SUS_G timing setting of X drive	0 to 15	Factory adjustment value	PDP
7	SUS_B timing setting of Y drive	0 to 15	Factory adjustment value	PDP
8	SUS_G timing setting of Y drive	0 to 15	Factory adjustment value	PDP

Adjustment item of this page is related in damage of the set when mistakes adjustment. When adjustment is needed, be enough careful to adjustment.

Caution in the electric power setting (No. 1 and 2) adjustment:

Adjustment value is reflected without relation in input signal during adjustment to the actual PDP.

For example, when operate a adjustment value of [ABL VIDEO 60 PC] during PAL input, switch to the adjustment value operation of [ABL VIDEO 60 PC] while displaying PAL in the actual PDP. This is temporary.

After adjustment, it becomes the [ABL VIDEO 50] operation in the PAL input after restarted in the normal mode. It becomes an operation of the [ABL VIDEO 60PC] adjustment value after adjustment in the NTSC input.

* : Be careful so that there is the case that page constitution is different.

● Display example of the thirteenth page

	12/13		INPUT1 No SIG
1	VIDEO DRIVE MODE	00	
2	PC DRIVE MODE	03	
3	NEGATIVE MODE	OFF	
4	BRIGHT ENHANCE	OFF	
5	MASK V FREQ	50	
6	PATTERN MASK	OFF	
7	FULL MASK	OFF	
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

No.	Item	Adjustable Range	Shipping Setting	Storage Place
1	Drive mode selection at VIDEO	0 to 5	0	PDP
2	Drive mode selection at PC	0 to 5	3	PDP
3	Negative positive inversion mode	OFF/ON	OFF	PDP
4	Bright enhance	OFF/ON	OFF	None
5	Refresh rate at mask signal generation	50/60/70	—	None
6	Pattern mask signal generation	OFF/	OFF	PDP
7	Full mask signal generation	OFF/	OFF	PDP

Caution in the mask (generation test signal screen in the PDP inside) signal generation:

- A pattern mask and a full mask can use only either.
Therefore, turn a full mask to OFF when uses a pattern mask. Also turn a pattern mask to OFF when uses a full mask.
- A pattern mask and a full mask are test signal screens occurring together in the PDP inside. Therefore, in the mask signal generation, it cannot confirm video inputting from OSD and the outside.
When release mask setting or change of each setting or perform the confirmation of the adjustment or external input signal, perform key operation of the main unit button or the remote control unit.
When operated something, stop the generation of the mask signal just after that for two seconds. Therefore, modification and adjustment of each setting and confirmation of the external input signal are possible.

* : Be careful so that there is the case that page constitution is different.

ADJUSTMENT REQUIRED WHEN THE SET IS REPAIRED OR REPLACED

■ SW POWER SUPPLY Module

- **When replaced**

No adjustment required.

■ DIGITAL VIDEO Assy

- **When repaired**

No adjustment required.

- **When replaced**

- Remove IC1204 (24LC04(1) SN-TBB) from the former PC Board to replace, and install it to the new PC Board.

■ MR INTERFACE Assy

- Set slide SW according to page 244.

■ Y DRIVE Assy

- **When repaired**

1. VOFS/VH/IC5V voltage adjustment
2. Timing adjustment of pulse module

- **When replaced**

1. SUSB ground timing adjustment
2. Panel white balance adjustment

■ X DRIVE Assy

- **When repaired**

1. VRN voltage adjustment
2. Timing adjustment of pulse module

- **When replaced**

1. SUSB ground timing adjustment
2. Panel white balance adjustment

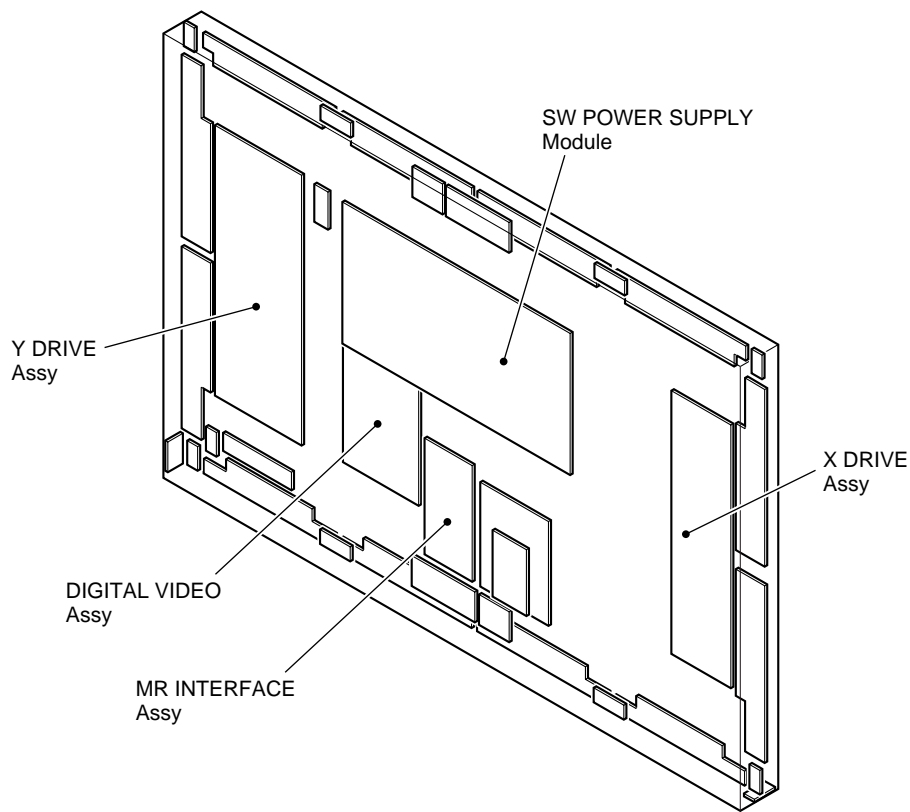


Fig. 1 PC Board Location (rear side view)

ADJUSTMENT

■ VOFS/VH/IC5V Voltage Adjustment

Input Signal	Adjusting Point	Adjusting Method																																																																																																																																				
White 100%	VR2701 (VOFS) (Y DRIVE Assy)	<p>VOFS (Offset voltage) adjustment</p> <p>Method 1</p> <p>1. Write down a adjustment value of VOFS ADJ in the factory mode.</p> <p>2. Set this adjustment value to center (128).</p> <p>3. Adjust VR2701 so that the voltage between K2701 (VOFS) and K2703 (SUS GND) becomes 45V.</p> <p>4. Return it to the value that wrote down a adjustment value of V-OFFSET in step 1.</p> <p>Method 2</p> <p>1. Read the adjustment value of VOFS ADJ in the factory mode.</p> <p>2. Adjust VR2701 so that the voltage between K2710 (VOFS) and K2703 (SUS GND) becomes following voltage $\pm 0.5V$.</p> <table><tr><th>Input Command</th><th>DAC Output</th><th>Setting Voltage</th><th>Input Command</th><th>DAC Output</th><th>Setting Voltage</th></tr><tr><td>VOF000</td><td>0.4</td><td>25</td><td>VOF134</td><td>2.599212598</td><td>45.94488</td></tr><tr><td>VOF006</td><td>0.4984375</td><td>25.9375</td><td>VOF141</td><td>2.71496063</td><td>47.04724</td></tr><tr><td>VOF013</td><td>0.61328125</td><td>27.03125</td><td>VOF147</td><td>2.814173228</td><td>47.99213</td></tr><tr><td>VOF019</td><td>0.71171875</td><td>27.96875</td><td>VOF153</td><td>2.913385827</td><td>48.93701</td></tr><tr><td>VOF026</td><td>0.8265625</td><td>29.0625</td><td>VOF160</td><td>3.029133858</td><td>50.03937</td></tr><tr><td>VOF032</td><td>0.925</td><td>30</td><td>VOF166</td><td>3.128346457</td><td>50.98425</td></tr><tr><td>VOF038</td><td>1.0234375</td><td>30.9375</td><td>VOF172</td><td>3.227559055</td><td>51.92913</td></tr><tr><td>VOF045</td><td>1.13828125</td><td>32.03125</td><td>VOF179</td><td>3.343307087</td><td>53.0315</td></tr><tr><td>VOF051</td><td>1.23671875</td><td>32.96875</td><td>VOF185</td><td>3.442519685</td><td>53.97638</td></tr><tr><td>VOF058</td><td>1.3515625</td><td>34.0625</td><td>VOF191</td><td>3.541732283</td><td>54.92126</td></tr><tr><td>VOF064</td><td>1.45</td><td>35</td><td>VOF198</td><td>3.657480315</td><td>56.02362</td></tr><tr><td>VOF070</td><td>1.5484375</td><td>35.9375</td><td>VOF204</td><td>3.756692913</td><td>56.9685</td></tr><tr><td>VOF077</td><td>1.66328125</td><td>37.03125</td><td>VOF211</td><td>3.872440945</td><td>58.07087</td></tr><tr><td>VOF083</td><td>1.76171875</td><td>37.96875</td><td>VOF217</td><td>3.971653543</td><td>59.01575</td></tr><tr><td>VOF090</td><td>1.8765625</td><td>39.0625</td><td>VOF223</td><td>4.070866142</td><td>59.96063</td></tr><tr><td>VOF096</td><td>1.975</td><td>40</td><td>VOF230</td><td>4.186614173</td><td>61.06299</td></tr><tr><td>VOF102</td><td>2.0734375</td><td>40.9375</td><td>VOF236</td><td>4.285826772</td><td>62.00787</td></tr><tr><td>VOF109</td><td>2.18828125</td><td>42.03125</td><td>VOF242</td><td>4.38503937</td><td>62.95276</td></tr><tr><td>VOF115</td><td>2.28671875</td><td>42.96875</td><td>VOF249</td><td>4.500787402</td><td>64.05512</td></tr><tr><td>VOF122</td><td>2.4015625</td><td>44.0625</td><td>VOF255</td><td>4.6</td><td>65</td></tr><tr><td>VOF128</td><td>2.5</td><td>45</td><td></td><td></td><td></td></tr></table> <p>The symptom is case of mis-adjustment</p> <p>If the VOFS Voltage adjustment is not performed properly, dots like blinking luminance points appear. If deviated greatly from the right adjustment point, panel will light white.</p>	Input Command	DAC Output	Setting Voltage	Input Command	DAC Output	Setting Voltage	VOF000	0.4	25	VOF134	2.599212598	45.94488	VOF006	0.4984375	25.9375	VOF141	2.71496063	47.04724	VOF013	0.61328125	27.03125	VOF147	2.814173228	47.99213	VOF019	0.71171875	27.96875	VOF153	2.913385827	48.93701	VOF026	0.8265625	29.0625	VOF160	3.029133858	50.03937	VOF032	0.925	30	VOF166	3.128346457	50.98425	VOF038	1.0234375	30.9375	VOF172	3.227559055	51.92913	VOF045	1.13828125	32.03125	VOF179	3.343307087	53.0315	VOF051	1.23671875	32.96875	VOF185	3.442519685	53.97638	VOF058	1.3515625	34.0625	VOF191	3.541732283	54.92126	VOF064	1.45	35	VOF198	3.657480315	56.02362	VOF070	1.5484375	35.9375	VOF204	3.756692913	56.9685	VOF077	1.66328125	37.03125	VOF211	3.872440945	58.07087	VOF083	1.76171875	37.96875	VOF217	3.971653543	59.01575	VOF090	1.8765625	39.0625	VOF223	4.070866142	59.96063	VOF096	1.975	40	VOF230	4.186614173	61.06299	VOF102	2.0734375	40.9375	VOF236	4.285826772	62.00787	VOF109	2.18828125	42.03125	VOF242	4.38503937	62.95276	VOF115	2.28671875	42.96875	VOF249	4.500787402	64.05512	VOF122	2.4015625	44.0625	VOF255	4.6	65	VOF128	2.5	45			
	Input Command	DAC Output	Setting Voltage	Input Command	DAC Output	Setting Voltage																																																																																																																																
	VOF000	0.4	25	VOF134	2.599212598	45.94488																																																																																																																																
	VOF006	0.4984375	25.9375	VOF141	2.71496063	47.04724																																																																																																																																
VOF013	0.61328125	27.03125	VOF147	2.814173228	47.99213																																																																																																																																	
VOF019	0.71171875	27.96875	VOF153	2.913385827	48.93701																																																																																																																																	
VOF026	0.8265625	29.0625	VOF160	3.029133858	50.03937																																																																																																																																	
VOF032	0.925	30	VOF166	3.128346457	50.98425																																																																																																																																	
VOF038	1.0234375	30.9375	VOF172	3.227559055	51.92913																																																																																																																																	
VOF045	1.13828125	32.03125	VOF179	3.343307087	53.0315																																																																																																																																	
VOF051	1.23671875	32.96875	VOF185	3.442519685	53.97638																																																																																																																																	
VOF058	1.3515625	34.0625	VOF191	3.541732283	54.92126																																																																																																																																	
VOF064	1.45	35	VOF198	3.657480315	56.02362																																																																																																																																	
VOF070	1.5484375	35.9375	VOF204	3.756692913	56.9685																																																																																																																																	
VOF077	1.66328125	37.03125	VOF211	3.872440945	58.07087																																																																																																																																	
VOF083	1.76171875	37.96875	VOF217	3.971653543	59.01575																																																																																																																																	
VOF090	1.8765625	39.0625	VOF223	4.070866142	59.96063																																																																																																																																	
VOF096	1.975	40	VOF230	4.186614173	61.06299																																																																																																																																	
VOF102	2.0734375	40.9375	VOF236	4.285826772	62.00787																																																																																																																																	
VOF109	2.18828125	42.03125	VOF242	4.38503937	62.95276																																																																																																																																	
VOF115	2.28671875	42.96875	VOF249	4.500787402	64.05512																																																																																																																																	
VOF122	2.4015625	44.0625	VOF255	4.6	65																																																																																																																																	
VOF128	2.5	45																																																																																																																																				
	VR2703 (VH) (Y DRIVE Assy)	<p>VH (voltage for scan IC) Adjustment</p> <p>Adjust so that the voltage between K2716 (VH) and K2720 (PSUS) becomes $103V \pm 0.5V$. PSUS (=GNDH) is a floating GND and the electric potential is different from that of chassis GND. Be sure not to short-circuit PSUS (=GNDH) and another GND, because that may damage the unit.</p> <p>The symptom is case of mis-adjustment</p> <p>If the VH adjustment is not performed properly, dots like blinking luminance points appear. If deviated greatly from the right adjustment point, panel will light white.</p>																																																																																																																																				
	VR2702 (IC5V) (Y DRIVE Assy)	<p>IC5V Adjustment</p> <p>Adjust so that the voltage between K2707 (IC5V) and K2720 (PSUS) becomes $5.0V \pm 0.1V$. PSUS (=GNDH) is a floating GND and the electric potential is different from that of chassis GND. Be sure not to short-circuit PSUS (=GNDH) and another GND, because that may damage the unit.</p>																																																																																																																																				
Note : Be sure to measure between specified test points.																																																																																																																																						

■ Sustain Pulse Waveform Adjustment

Input Signal	Adjusting Point	Adjusting Method
White 100%	REF_DIG mode in Factory mode XSUSB ADJ YSUSB ADJ	X-SUS-B, Y-SUS-B Adjustment Set to the indicated value with the remote control unit. (Refer to "Timing adjustment of control signal of X and Y Drive Assys".)

■ VRN Voltage Adjustment

Input Signal	Adjusting Point	Adjusting Method
White 100%	VR3701 (VRN) (X DRIVE Assy)	VRN (minus reset voltage adjustment) Adjust so that the voltage between K3707 (VRN) and K3702 (SUS-GND) becomes -300V ± 1.0V.

■ Panel White Balance Adjustment

Input Signal	Adjusting Point	Adjusting Method									
		<p>Adjust the parameter in the OFFSET-DIGITAL of factory mode as follows;</p> <div style="text-align: center;"> <div style="display: inline-block; vertical-align: middle;"> PANEL R-HIGH } PANEL B-LOW </div> </div> <p>In this time, display uses the mask (MASK04) of factory mode.</p> <p>Reference : Adjustment values using the Media color-difference meter (CA-100)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th><th>MASK Left Side</th><th>MASK Right Side</th></tr> </thead> <tbody> <tr> <td>x</td><td>295</td><td>291</td></tr> <tr> <td>y</td><td>306</td><td>300</td></tr> </tbody> </table>		MASK Left Side	MASK Right Side	x	295	291	y	306	300
	MASK Left Side	MASK Right Side									
x	295	291									
y	306	300									

* When perform the various adjustment by RS-232C control, execute a "DM0" command (release the limit of pulse number) beforehand.

After the adjustment completion, execute a "DM 3" command (Limit of pulse number: 64%, shipping state) by all means.

■ Timing Adjustment of X and Y DRIVE Assys Control Signal

● Purpose

- Pulse module loads in DRIVE Assy as one of heat measures of DRIVE Assy. Adjust the drive timing of the pulse module driving parallel with VR.
- Pulse module has each peculiar delay time. Readjustment is necessary when replaced the pulse module in the X and Y DRIVE Assys.

● Adjustment Method

CR delay circuit is each inserted on signal path of four control signals (SUS-U, SUS-B, SUS-D, SUS-G) driving the pulse module.

Quantity of delay can adjust pulse module of one side with VR.

Adjust VR while measuring a waveform of the pulse module, and match a timing.

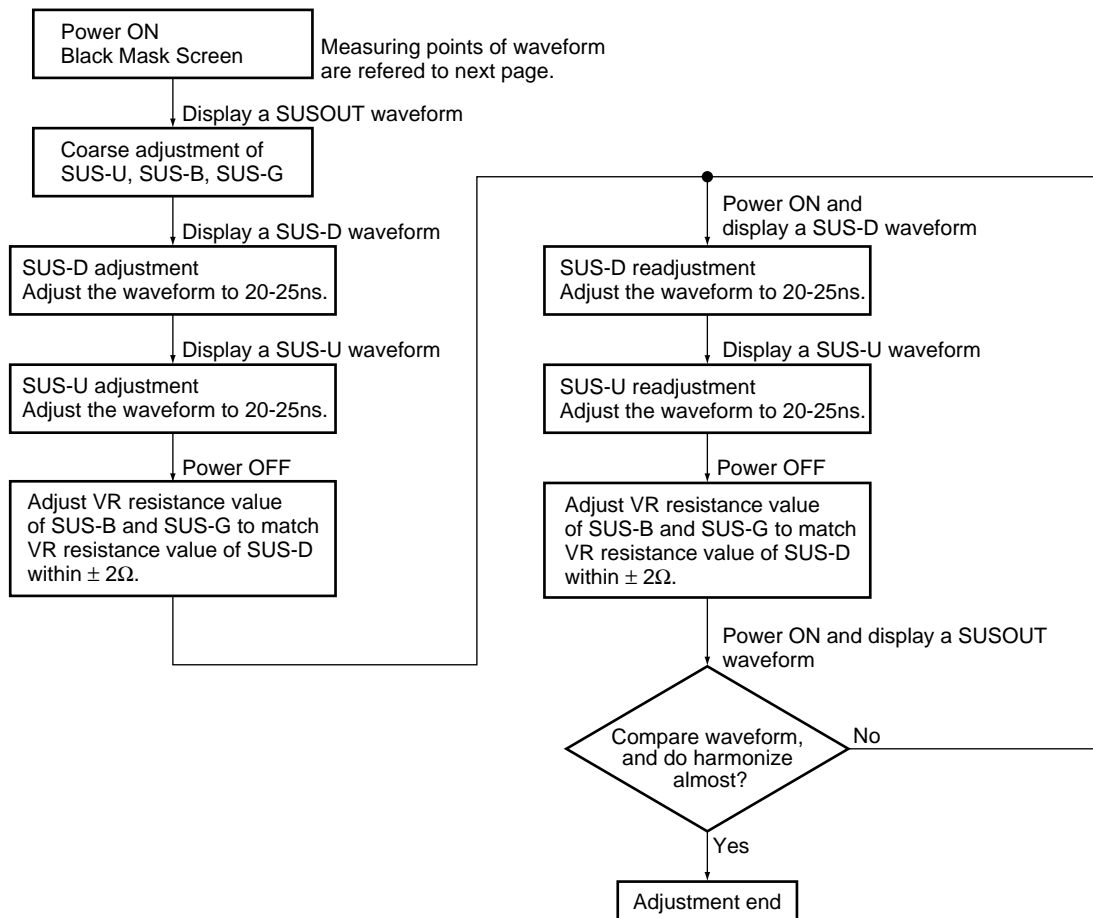
Adjustment VR

	X DRIVE	Y DRIVE
SUS-U	VR3203	VR2204
SUS-D	VR3202	VR2203
SUS-B	VR3201	VR2202
SUS-G	VR3200	VR2201

Test pin for adjustment and measurement

Pulse Module	X DRIVE		Y DRIVE	
	Upper	Lower	Upper	Lower
SUSOUT	K3105	K3106	K2212	K2203
SUS-U	K3200	K3204	K2220	K2224
SUS-D	K3108	K3205	K2207	K2225

● Adjustment Procedure



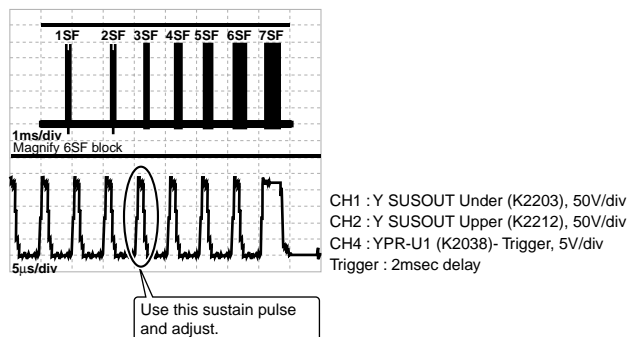
As for this adjustment, adjustment with set state is difficult.
Therefore replace it every Assy when replacing the pulse module.

■ Measuring Waveform of Pulse Module Timing Adjustment

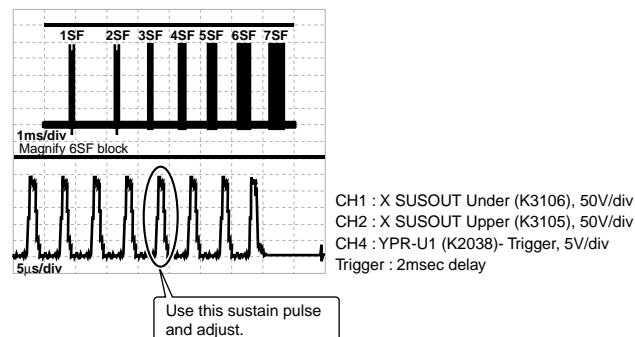
Timing adjustment of the pulse module control signal adjusts with the sustain pulse of eighth pulse (X DRIVE) and the ninth pulse (Y DRIVE) from the back of 6SF.

● Measuring point of waveform

Y DRIVE SUSOUT waveform



X DRIVE SUSOUT waveform



- Perform adjustment of waveform with a black mask screen.
- It is easy to adjust when turned field AB offset to OFF (RS-232C command: OCN) in adjustment.

Note:

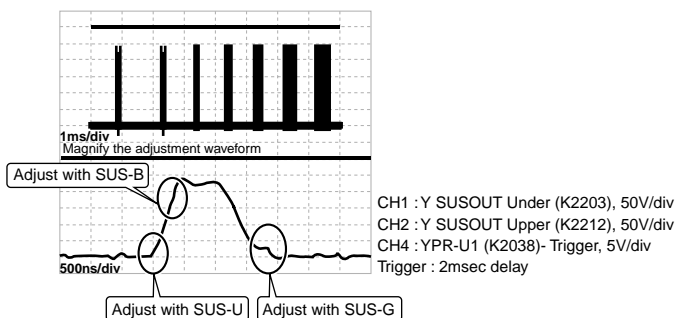
- Sampling rate of oscilloscope sets it more than 500MS/s in order to perform ns order adjustment.
- Collecting calibration of probe before adjustment by all means.
- Connect GND of probe measuring waveform to SUSGND terminal by all means.
- Precise waveform is not displayed, and an adjustment gap may occur that does not collect GND properly.

When took waveform be each drive Assy unit, measure it at the fourth sustain pulse from the back except for a large width sustain pulse.

Therefore, when measured both waveform of the X and Y drives together, it becomes the sustain pulse of 8 and 9 pulses from the back.

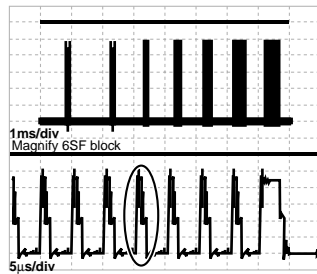
● Waveform coarse adjustment

Measure the SUSOUT waveform

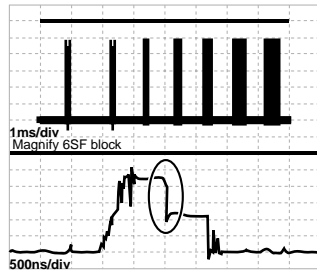


When there is a gap with waveform of CH1 / CH2 of the part which enclosed in the following circle, adjust required VR to overlap the waveform.

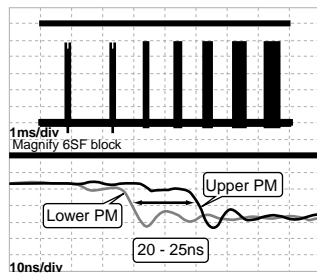
● SUS-D Adjustment (Y DRIVE)



Magnification

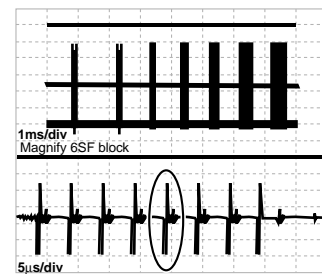


Magnification

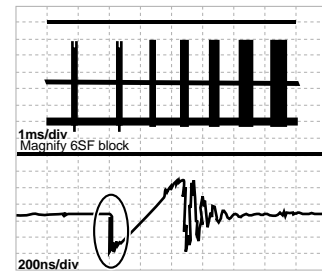


CH1 : Y SUS-D Under (K2225), 50V/div
 CH2 : Y SUS-D Upper (K2207), 50V/div
 CH4 : YPR-U1 (K2038)- Trigger, 5V/div
 Trigger : 2msec delay

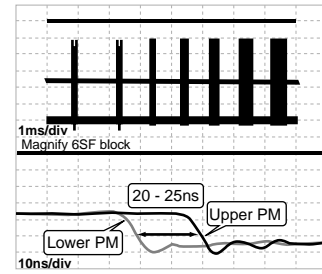
● SUS-U Adjustment (Y DRIVE)



Magnification



Magnification

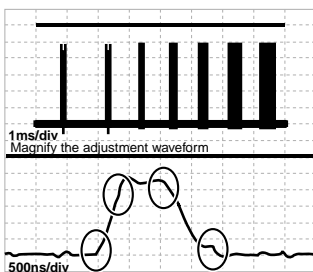


CH1 : Y SUS-U Under (K2224), 50V/div
 CH2 : Y SUS-U Upper (K2220), 50V/div
 CH4 : YPR-U1 (K2038)- Trigger, 5V/div
 Trigger : 2msec delay

Caution:
 Not absolutely mistaking upper and lower of waveform.

● Waveform Confirmation in Adjustment completion

Measure the SUSOUT waveform



CH1 : Y SUSOUT Under (K2203), 50V/div
 CH2 : Y SUSOUT Upper (K2212), 50V/div
 CH4 : YPR-U1 (K2038)- Trigger, 5V/div
 Trigger : 2msec delay

Confirm it to waveform of CH1 / CH2 of the part which enclosed in the following circle whether there is not a large gap.
 (A gap of the quantity that shifts 20nS and adjusted remains.)

When adjust in the power supply ON state, change so that the quantity of gap that adjusted by temperature-rise of the pulse module becomes small.
 Therefore, perform high power OFF (RS-232C command: DRF) except measurement time of waveform when adjusts, and adjustment error by temperature-rise does not occur.

■ SUS-B Ground Timing Adjustment

It is necessary to readjust this adjustment when replaced the X or Y DRIVE Assy and the pulse module.

● Measurement point and method

Measurement point of waveform of X and Y DRIVE Assy in timing adjustment is test pin of SUSOUT of the pulse module of bottom of the main unit.

X DRIVE Assy : K3106 Y DRIVE Assy : K2203

Measurement screen : White mask

The measurement is easy to perform when turns field AB alternation to OFF. (RS-232C command: OCN)

Measure a sustain pulse of the fourth pulse (X DRIVE) and the fifth pulse (Y DRIVE) from the back of the fourth FS, and adjust. In the start section of this sustain pulse, waveform has inflection point with the timing when SUS-B becomes ON. Adjust so that the voltage of this inflection point is the nearest to 150V and do not become less than 150V.

Adjustment parameter

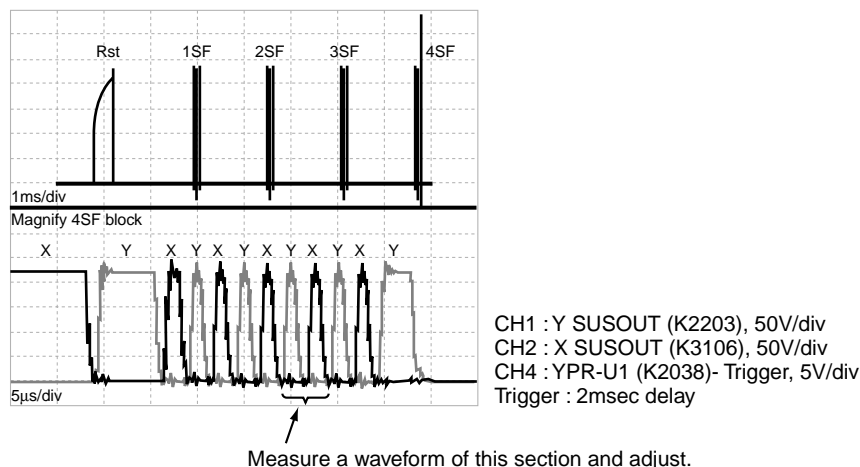
X DRIVE: XSUSB (RS-232C command : XSB)

Y DRIVE: YSUSB (RS-232C command : YSB)

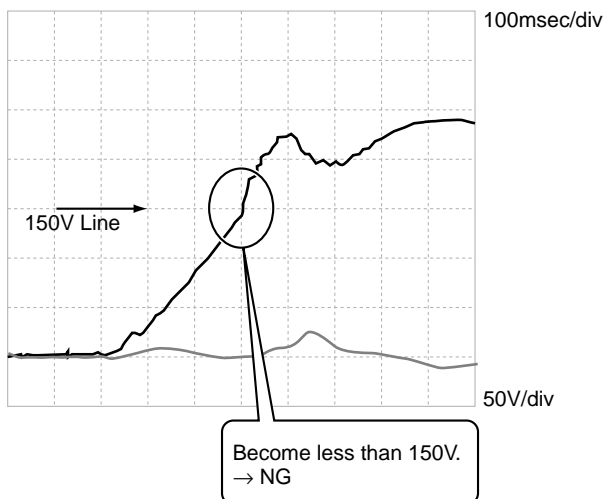
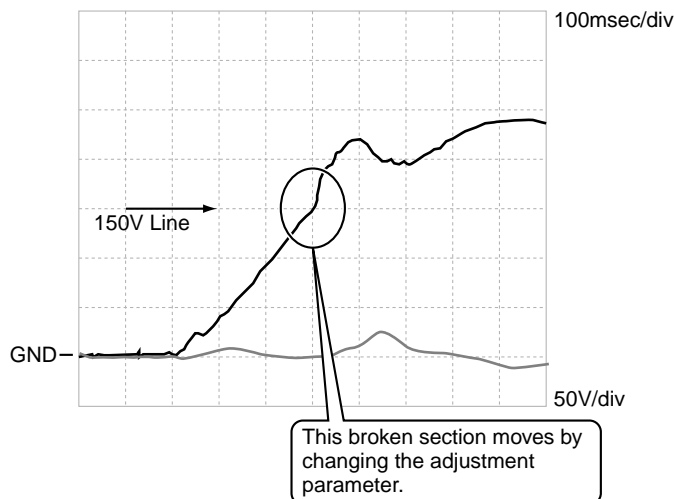
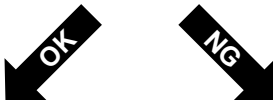
Note:

- Connect GND of probe measuring waveform to SUSGND terminal by all means.
- Precise waveform is not displayed, and an adjustment gap may occur that does not collect GND properly.

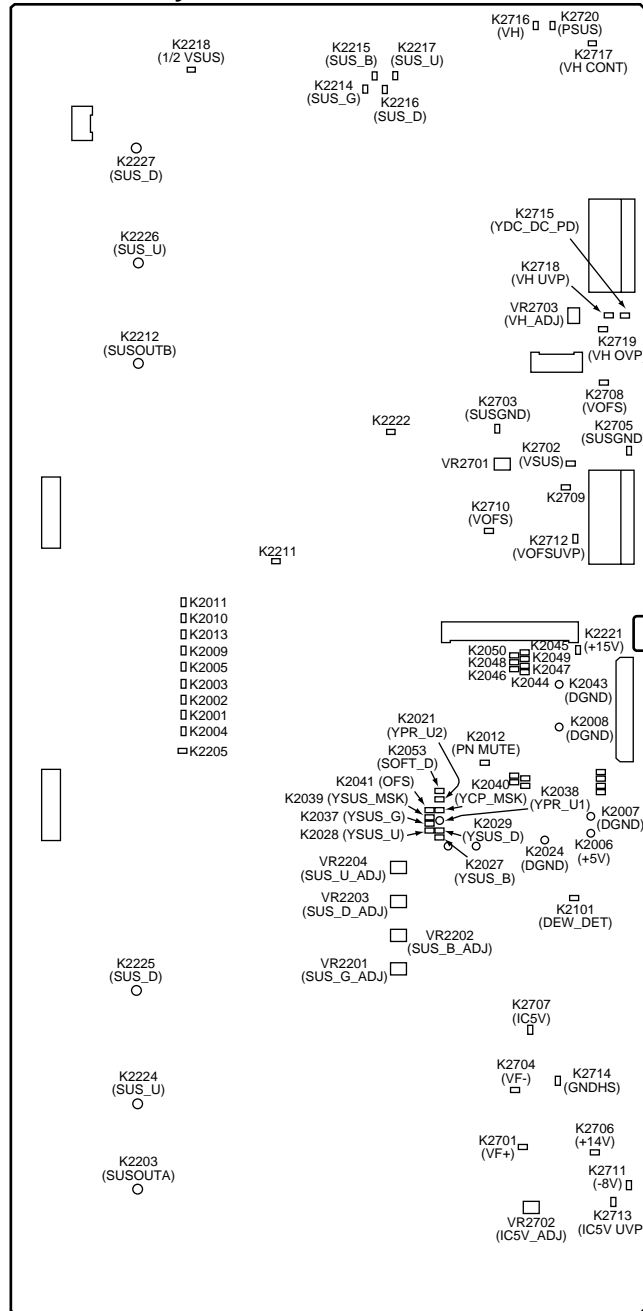
● Waveform in the measurement



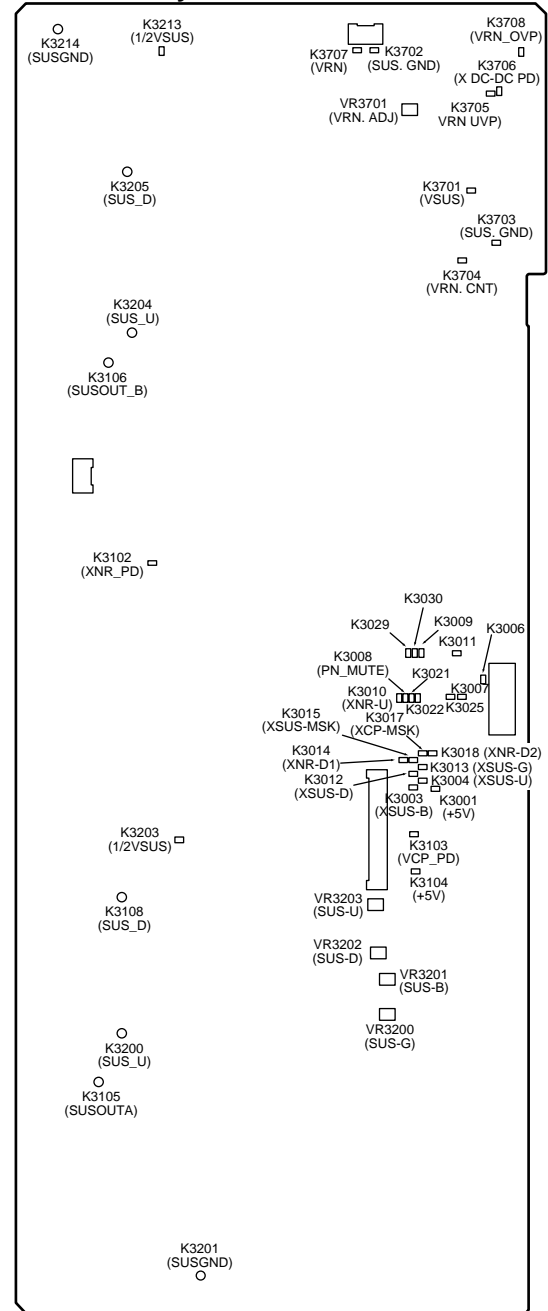
Magnify the fourth pulse sustain pulse (XSUSOUT waveform) from the back of the above waveform.



Y DRIVE Assy



X DRIVE Assy



Adjusting Points

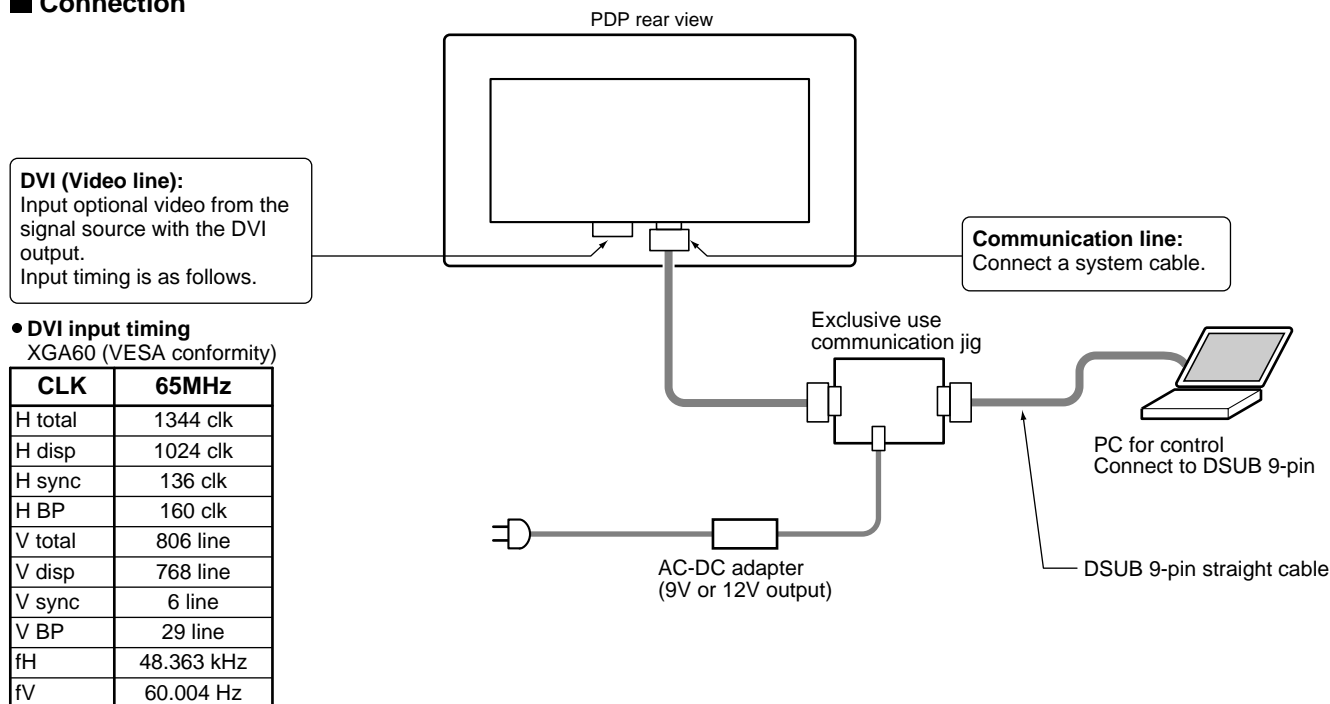
COMMAND

RS-232C Command

As for PZ-50HV2 system, the 232C control of the panel control item is possible by a single state.
However, the following exclusive use communication jig is necessary.

* Be careful so that can not use a DSUB 9-pin in the rear panel of the AVC System.

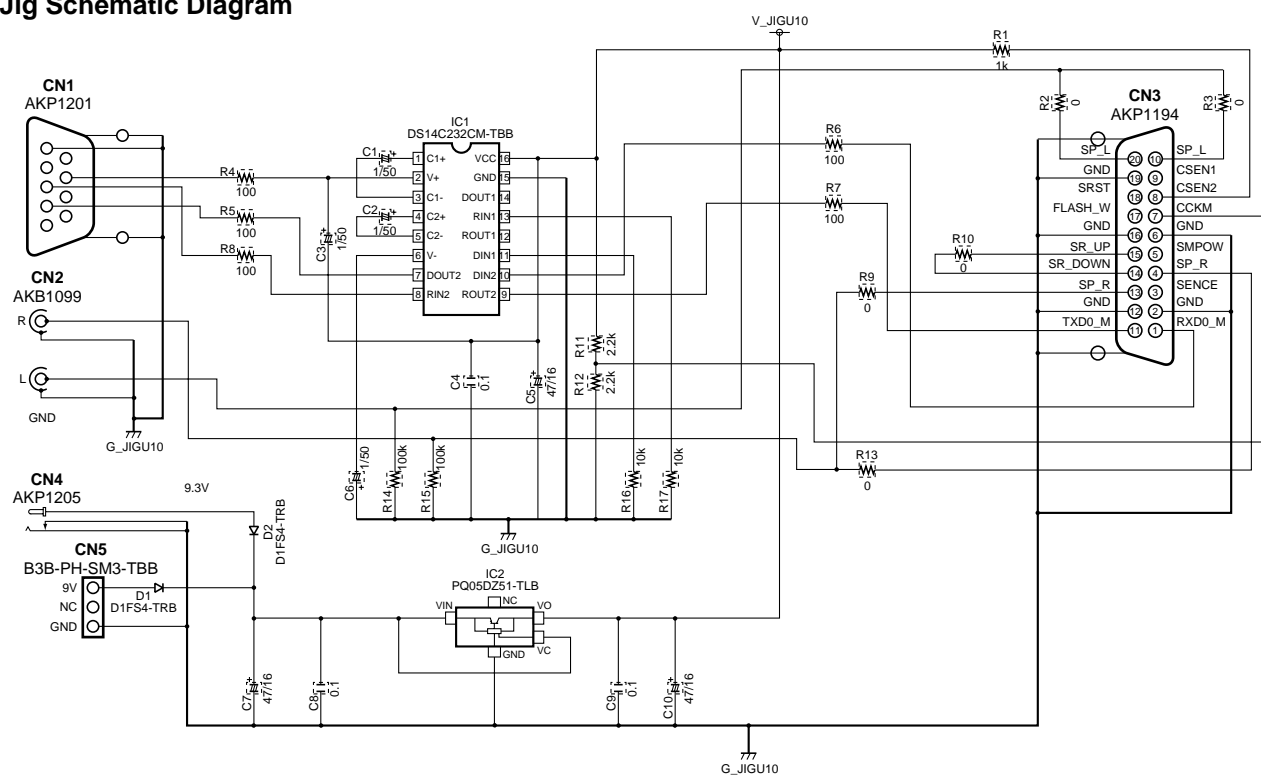
Connection



Communication baudrate

38400 bps is fixed.

Jig Schematic Diagram



■RS-232C Command

Command	Name	Function	Direct Validity	UP/DOWN Validity	Lower Limit	Upper Limit
AB0	ABL REFERENCE MODE	Set the ABL to reference value				
AB1	ABL OFFSET MODE 1	Set the ABL to offset value 1				
AB2	ABL OFFSET MODE 2	Set the ABL to offset value 2				
AB3	ABL OFFSET MODE 3	Set the ABL to offset value 3				
ABL	ABL ADJUST	Adjustment of electric power upper limit	O	O	000	255
AMN	AUDIO MUTE OFF	Mute off request of speaker volume				
AMY	AUDIO MUTE ON	Mute request of speaker volume				
DRF	DRIVE OFF	Drive OFF				
DRN	DRIVE ON	Drive ON				
DW0	DOWN 0	Down the adjustment value with 10				
DWF	DOWN FULL	Minimize the adjustment value				
DWn	DOWN n	Down the adjustment value with n				
EWN	EEPROM WRITE NO	Complete the plug & play EEPROM writing mode				
EWY	EEPROM WRITE YES	Start the plug & play EEPROM writing mode				
F50	FREE RUN 50VIDEO	Display the mask screen with 50Hz (video) sequence				
F60	FREE RUN 60VIDEO	Display the mask screen with 60Hz (video) sequence				
F61	FREE RUN 60PC	Display the mask screen with 60Hz (PC) sequence				
F70	FREE RUN 70PC	Display the mask screen with 70Hz (PC) sequence				
GAJ	GET ADJUST	Acquire the various adjustment value of the display				
GPW	GET PANEL W/B	Acquire the W/B adjustment value of the panel				
GS1	GET STATUS 1	Acquire the version information				
HMS	HOUR METER SET	Set hour meter to optional time				
M00	MASK 00	Mask mode OFF				
M01	MASK 01	Pattern 1 (Lamp)				
M02	MASK 02	Pattern 2 (Color bar)				
M03	MASK 03	Pattern 3 (Slanting line)				
M04	MASK 04	Pattern 4 (W/B measurement)				
M05	MASK 05	Pattern 5 (W/B adjustment)				
M06	MASK 06	Pattern 6 (W/B peak measurement)				
M07	MASK 07	Pattern 7 (Peak measurement)				
M08	MASK 08	Pattern 8 (Reservation)				
M09	MASK 09	Pattern 9 (SCAN IC protection test)				
M10	MASK 10	Pattern 10 (SCAN IC protection test)				
M11	MASK 11	Pattern 11 (reservation)				
M12	MASK 12	Pattern 12 (reservation)				
M13	MASK 13	Pattern 13 (reservation)				
M14	MASK 14	Pattern 14 (reservation)				
M51	MASK 51	Full mask (white)				
M52	MASK 52	Full mask (cyan 274)				
M53	MASK 53	Full mask (magenta 1023)				
M54	MASK 54	Full mask (flesh color)				
M55	MASK 55	Full mask (cyan 1023)				
M56	MASK 56	Full mask (light purple)				
M57	MASK 57	Full mask (sky blue)				
M58	MASK 58	Full mask (red)				
M59	MASK 59	Full mask (green)				
M60	MASK 60	Full mask (blue)				
M61	MASK 61	Full mask (black)				
M62	MASK 62	Full mask (red 779)				
M63	MASK 63	Full mask (cyan 218)				
M64	MASK 64	Full mask (cyan 444)				
M65	MASK 65	Full mask (flesh color 43)				
M66	MASK 66	Full mask (red 620)				
M67	MASK 67	Full mask (magenta 98)				
M68	MASK 68	Full mask (sky blue 1_43)				
M69	MASK 69	Full mask (sky blue 2_43)				
M70	MASK 70	Full mask (light purple 43)				

Command	Name	Function	Direct Validity	UP/DOWN Validity	Lower Limit	Upper Limit
M71	MASK 71	Full mask (yellow)				
M72	MASK 72	Full mask (blue 916)				
M73	MASK 73	Full mask (reservation)				
M74	MASK 74	Full mask (reservation)				
MMN	MIRROR MODE NO	Mirror mode OFF (normal display)				
MMX	MIRROR MODE X	Right and left reversing display				
MMY	MIRROR MODE Y	Top and bottom reversing display				
MMZ	MIRROR MODE XY	Top and bottom right and left reversing display				
MTN	PANEL MUTE NO	Release panel mute				
MTY	PANEL MUTE YES	Panel mute				
NMN	NEGATIVE MODE NO	Negative positive inversion mode OFF				
NMY	NEGATIVE MODE YES	Negative positive inversion mode ON				
PBH	PANEL BLUE HIGH	BLUE HIGH LIGHT adjustment	0	0	000	255
PBL	PANEL BLUE LOW	BLUE LOW LIGHT adjustment	0	0	000	999
PGH	PANEL GREEN HIGH	GREEN HIGH LIGHT adjustment	0	0	000	255
PGL	PANEL GREEN LOW	GREEN LOW LIGHT adjustment	0	0	000	999
PHN	PANEL HIGHT-LIGHT NO	Release the W/B highlight maximum mode of the panel				
PHY	PANEL HIGHT-LIGHT YES	Set the W/B highlight of the panel to maximum				
PLN	BRIGHT ENHANCE NO	Center brightness correction enhance OFF				
PLY	BRIGHT ENHANCE YES	Center brightness correction enhance ON				
PMS	PULSE METER SET	Optional setting of the pulse meter				
POF	POWER OFF	Standby request				
PON	POWER ON	Power ON request				
PRH	PANEL RED HIGH	RED HIGH LIGHT adjustment	0	0	000	255
PRL	PANEL RED LOW	RED LOW LIGHT adjustment	0	0	000	999
PCN	PC MODE NO	At the 60Hz input: VIDEO sequence selection				
PCY	PC MODE YES	At the 60Hz input: PC sequence selection				
PT0	PANEL COLOR TEMP 0	Set each temperature mode to 0 (REF)				
PT1	PANEL COLOR TEMP 1	Set each temperature mode to 1 (OFS1)				
PT2	PANEL COLOR TEMP 2	Set each temperature mode to 2 (OFS2)				
UP0	UP 0	Maximize the adjustment value				
UPF	UP FULL	Maximize the adjustment value				
UPn	UP n	Rise the adjustment value with n				
VOF	VOFFSET ADJUST	Vofs adjustment	0	0	000	255
VOL	VOLUME	Volume	0	0	000	060
VSU	VSUS ADJUST	Vsus adjustment	0	0	000	255
XSB	XSUS B	X-SUS-B pulse adjustment	0	0	000	015
XSG	XSUS G	X-SUS-G pulse adjustment	0	0	000	015
YSB	YSUS B	Y-SUS-B pulse adjustment	0	0	000	015
YSG	YSUS G	Y-SUS-G pulse adjustment	0	0	000	015

■ GET Command

● Command Description

Command	Function
GAJ	Output data of an electronic VR adjustment value and a drive system adjustment value
GPW	Output data to be related to white balance adjustment of the panel
GS1	Output data such as version information, hour meter and pulse meter

GAJ: Output data of an electron VR adjustment value and a drive system adjustment value

- Output it according to transmission order and size of the table below.

Order	Data Contents	Size	Remarks
1	Setting mode of electric power upper limit value	3 byte	AB* (*: 0 to 3)
2	Electric power upper limit value (ABL)	(Reference data)	3 byte
3		(Offset data)	3 byte (Note 1)
4	Vsus adjustment value	(Reference data)	3 byte
5	Vofs adjustment value	(Reference data)	3 byte
6	V-SUS-B adjustment value	(Reference data)	3 byte
7	V-SUS-G adjustment value	(Reference data)	3 byte
8	Y-SUS-B adjustment value	(Reference data)	3 byte
9	Y-SUS-G adjustment value	(Reference data)	3 byte

(Note 1) : When performed in reference mode selection, offset data outputs the same value as the reference data.

(Note 2) : Checksum of 2 bytes is added at the end, but ignore it.

GPW (Get Panel White balance): Output data to be related to white balance adjustment of panel

- Output it according to transmission order and size of the table below.

Order	Data Contents	Size	Remarks
1	Panel color temperature mode	3 byte	PT* (*: 0 to 3)
2	Gain of W/B adjustment value Red	(Reference data)	3 byte
3		(Offset data)	3 byte (Note 1)
4	Gain of W/B adjustment value Green	(Reference data)	3 byte
5		(Offset data)	3 byte (Note 1)
6	Gain of W/B adjustment value Blue	(Reference data)	3 byte
7		(Offset data)	3 byte (Note 1)
8	Offset of W/B adjustment value Red	(Reference data)	3 byte
9		(Offset data)	3 byte (Note 1)
10	Offset of W/B adjustment value Green	(Reference data)	3 byte
11		(Offset data)	3 byte (Note 1)
12	Offset of W/B adjustment value Blue	(Reference data)	3 byte
13		(Offset data)	3 byte (Note 1)

(Note 1) : When performed in reference mode selection, offset data outputs the same value as the reference data.

(Note 2) : Checksum of 2 bytes is added at the end, but ignore it.

GS1: Output data such as version information, hour meter and pulse meter

- Output it according to transmission order and size of the table below.

Order	Data Contents	Size	Remarks
1	Display information	3 byte	See below
2	Module microcomputer model number	4 byte	5691 or F691
3	Module microcomputer version	3 byte	
4	Panel microcomputer version	3 byte	
5	Panel /FLASH ROM version	3 byte	
6	Hour meter (hour)	5 byte	Unit: H (time)
7	Pulse meter	7 byte	Unit: 0.01G (10,000,000)
8	Main microcomputer model number	4 byte	5692 or F692
9	Main microcomputer version	3 byte	
10	Wide microcomputer version	3 byte	
11	Wide /FLASH ROM version	3 byte	

(Note) : Checksum of 2 bytes is added at the end, but ignore it.

■ Display Information

Data	Model
MX5	PDP-503MX (initial value)
MX4	PDP-433MX
MD5	Module 50 inches
MD4	Module 43 inches
HD5	PDP-503HD
HD4	PDP-433HD

TROUBLE DIAGNOSIS

SHUT DOWN/POWER DOWN DIAGNOSIS BY LED DISPLAY

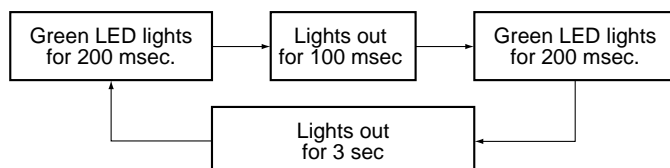
When internal circuit abnormality and other operation abnormality occurred from this unit, self-diagnose display function by STANDBY/ON (LED) indicator is loaded.

Each NG point by LED blinking and a PD (power down) point are as follows.

● Shut Down

- Operations : When a microcomputer detected abnormality, turn the power supply to OFF.
- LED display : Green blinks

Examples: LED blinks in the DIGITAL-IIC communication NG



Number of blinks	Name
1	Panel Microcomputer NG
2	DIGITAL-IIC communication NG
3	Dewdrop abnormality
4	Temperature abnormality

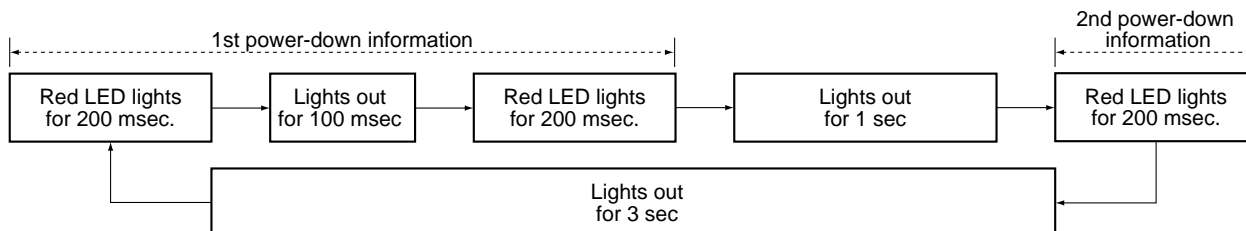
How to release the shut down state

When turn the power supply ON by remote control units, release from the shut down state, and turn the power supply ON.
(It is not necessary to turn the AC power OFF.)

● Power Down

- Operations : When this unit becomes the dangerous state, turn the power supply OFF with the protection circuit.
 - LED display : Red blinks
- * When protection circuit more than two places almost worked simultaneously, display LED in order to 1st - 2nd.

Examples: LED blinks in the 1st power down = Y-DC/DC CONVERTER, 2nd power down = Y-DRIVE



Number of blinks	Name
1	Y-DRIVE
2	Y-DC/DC CONVERTER
3	X-DC/DC CONVERTER
4	X-DRIVE
5	Power supply
6	Address junction
7	Address resonance
8	DIGITAL-DC/DC CONVERTER

How to release the power down state

AC power OFF



Wait for PD LED in the power supply module disappearing (for around 30 seconds).



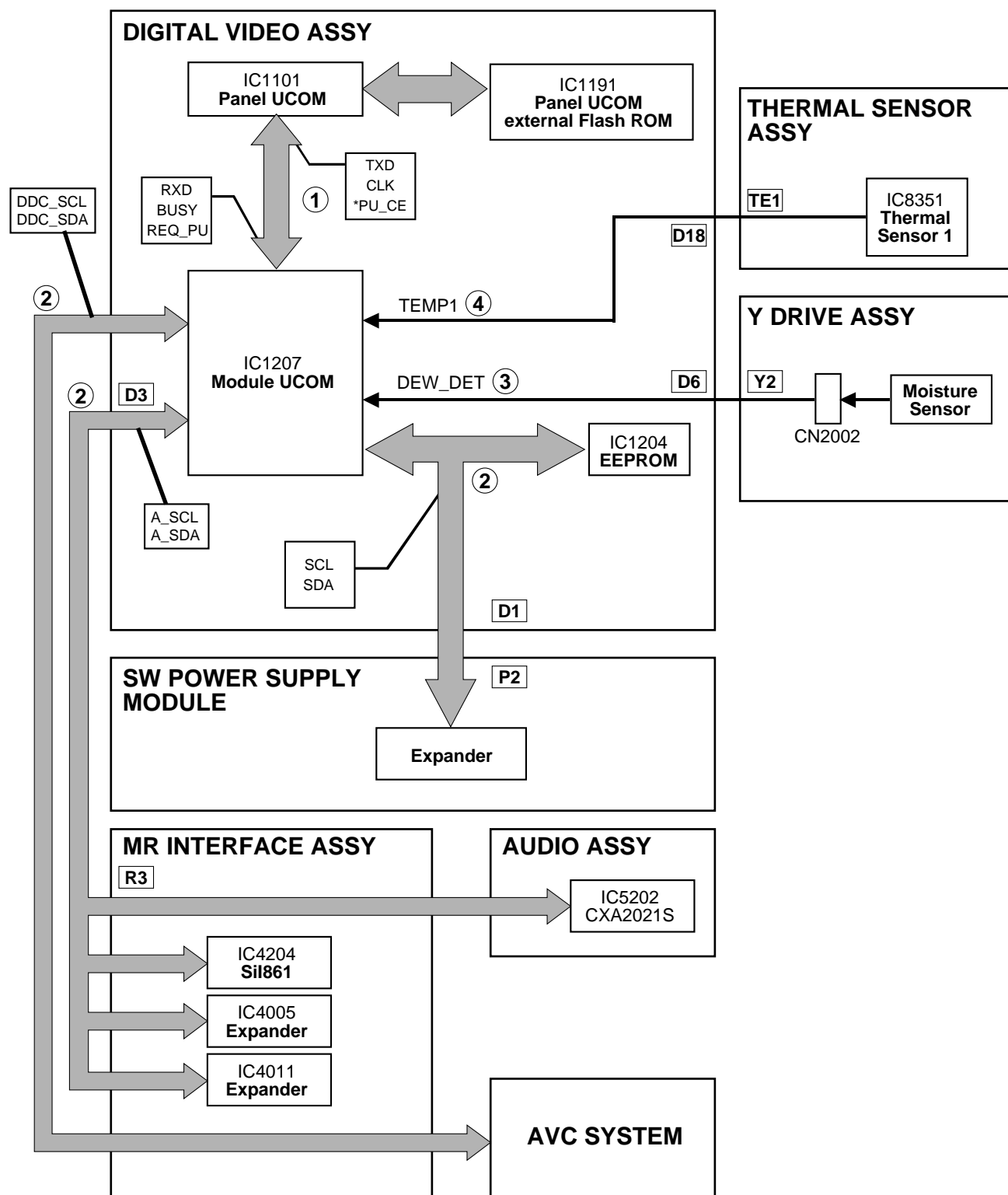
Afterwards, wait moreover for five seconds.



Return by AC power ON.

* After power down release, this unit rises up in the standby state.

● Block Diagram of Shut Down Signal System



Note: ① - ④ show LED flashing number of times when shut down occurred in this route.

● Shut down diagnosis

① Panel microcomputer NG

When a module microcomputer failed in communication with a panel microcomputer, this NG occurs.

Shut down after OSD display for 30 seconds from the NG detection.

Abnormality to expect

Open / Short of communication line in the Assy

E06

② DIGITAL-IIC communication NG

When a module microcomputer failed in communication with outside EEPROM or EXPANDER, this NG occurs.

Shut down after OSD display for 30 seconds from the NG detection.

* However, this communication NG may occur in the standby state.

Abnormality to expect

- Open / Short of communication line in the DIGITAL VIDEO, MR INTERFACE and AUDIO Assys
- Breaking of wire of the following points is thought about.
DIGITAL VIDEO Assy (D1) ↔ SW POWER SUPPLY Module (P2)
DIGITAL VIDEO Assy (D3) ↔ MR INTERFACE Assy (R3)
MR INTERFACE Assy (R23) ↔ AUDIO Assy (A24)
System Cable

E06

③ Dew drop detection

When it becomes the dew drop state in this unit, this NG occurs.

After the dew drop detection, shut down immediately.

Abnormality to expect for dew drop

Disconnect a connector CN2002 between Dew drop sensor and Y DRIVE Assy.

④ Temperature abnormality

When temperature of this unit became abnormally high, this NG occurs.

Shut down after OSD display from the NG detection for 30 seconds.

Note: When temperature fell down during indication, return to the normal operation.

Abnormality to expect when it occurs in the environment that is not high-temperature

- Disconnect a connector between DIGITAL VIDEO Assy (D18) and temperature sensor 1 (TE1).

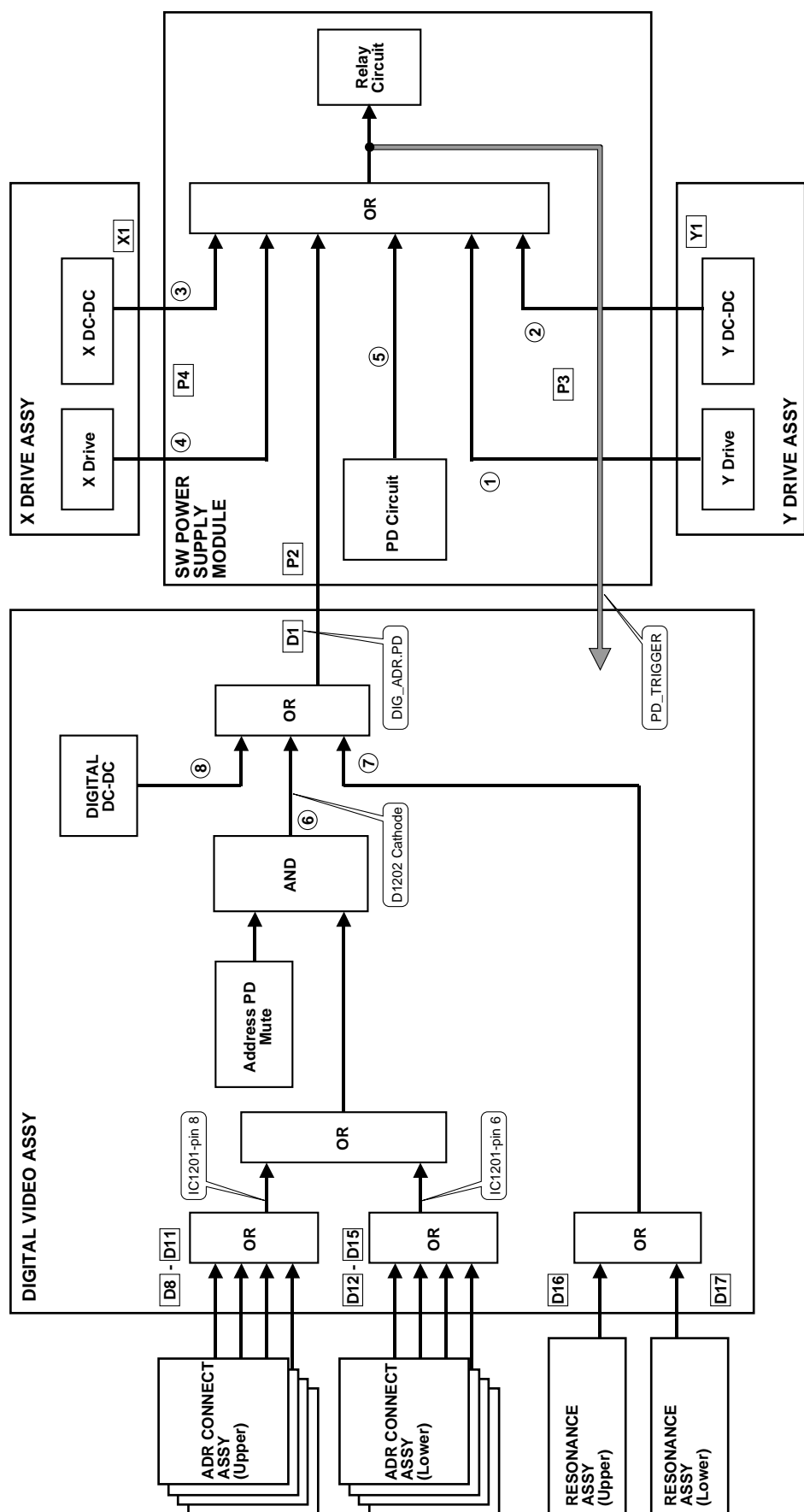
E04

Reference

Shut down temperature of each temperature sensor
Sensor Temp ≥ 78

1/13		INPUT1 No. SIG			
1	CENTER Version	MR MAIN E 2001/09/25 H			
2	OSD Version	MR OSD 2001/09/10 A			
3	CVIC Version	W2001/09/12 09:00	X2001/09/12 09:07	V2001/09/12 09:10	
4	TTXP Version	TTX PRG			061
5	MONITOR Version	F6 91 10			
6	PANEL Version	-00			
7	FLASH Version	-05			
8	MONITOR Model	01			
9	Model Select: Main	0			
10	Model Select: AV	4			
11	Model Select: MONITOR	0			
12	Sensore Temp	+28			
13	Center Acutime	16	H	41 M	
14		RESET	OFF		
15	Monitor Acutime	47	H	42 M	
16		RESET	OFF		
17	Pulse Acutime	164			
18		RESET	OFF		

● Block Diagram of Power Down Signal System



Note: ① - ⑧ show LED flashing number of times when power down occurred in this route.

● Kind and function of the various protection circuit (P.D. circuit)

Assy Name	Red LED Number of Blinks	Kind of P.D. Circuit	Function	Remarks
Y DRIVE Assy	1	VCP OCP	P.D. by VCP overcurrent	
	2	VOFS OVP	P.D. by VOFS overvoltage	
		VOFS UVP	P.D. by VOFS undervoltage (= overcurrent)	
		VH OVP	P.D. by VH overvoltage	
		VH UVP	P.D. by VH undervoltage (= overcurrent)	
		IC5V UVP	P.D. by IC5V undervoltage (= overcurrent)	
X DRIVE Assy	3	VRN OVP	P.D. by VRN overvoltage	
		VRN UVP	P.D. by VRN undervoltage (= overcurrent)	
	4	VCP OCP	P.D. by VCP overcurrent	
		RESET OCP	P.D. by reset circuit overcurrent	
SW POWER SUPPLY Module	5	VSUS OVP	P.D. by VSUS overvoltage	
		VSUS UVP	P.D. by VSUS undervoltage (= overcurrent)	
		VADR OVP	P.D. by VADR overvoltage	
		VADR UVP	P.D. by VADR undervoltage (= overcurrent)	
		15V OVP	P.D. by 15V overvoltage	
		15V UVP	P.D. by 15V undervoltage (= overcurrent)	
		12V UVP	P.D. by 12V undervoltage (= overcurrent)	
		6.5V OVP	P.D. by 6.5V overvoltage	
		6.5V UVP	P.D. by 6.5V undervoltage (= overcurrent)	
		13.5V UVP	P.D. by 13.5V undervoltage (= overcurrent)	
		-9V UVP	P.D. by -9V undervoltage (= overcurrent)	
		+B OVP	P.D. by +B overvoltage	
		+B OCP	P.D. by +B overcurrent	
		AC200V P.D.	P.D. by AC200V apply	Note 1
			PFC module overheat protection	
			VSUS arc resistance overheat protection	
ADR CONNECT Assy	6	ADR.PD	P.D. by disconnecting the connector	
RESONANCE Assy	7	ADR.K.PD	P.D. by ICP open and TCP defective	
DIGITAL VIDEO Assy	8	5.0V OVP	P.D. by 5V overvoltage	
		5.0V UVP	P.D. by 5V undervoltage (= overcurrent)	
		3.3V OVP	P.D. by 3.3V overvoltage	
		3.3V UVP	P.D. by 3.3V undervoltage (= overcurrent)	
		2.5V OVP	P.D. by 2.5V overvoltage	
		2.5V UVP	P.D. by 2.5V undervoltage (= overcurrent)	

Reference

OVP : **O**ver **V**oltage **P**rotect
 UVP : **U**nder **V**oltage **P**rotect
 OCP : **O**ver **C**urrent **P**rotect

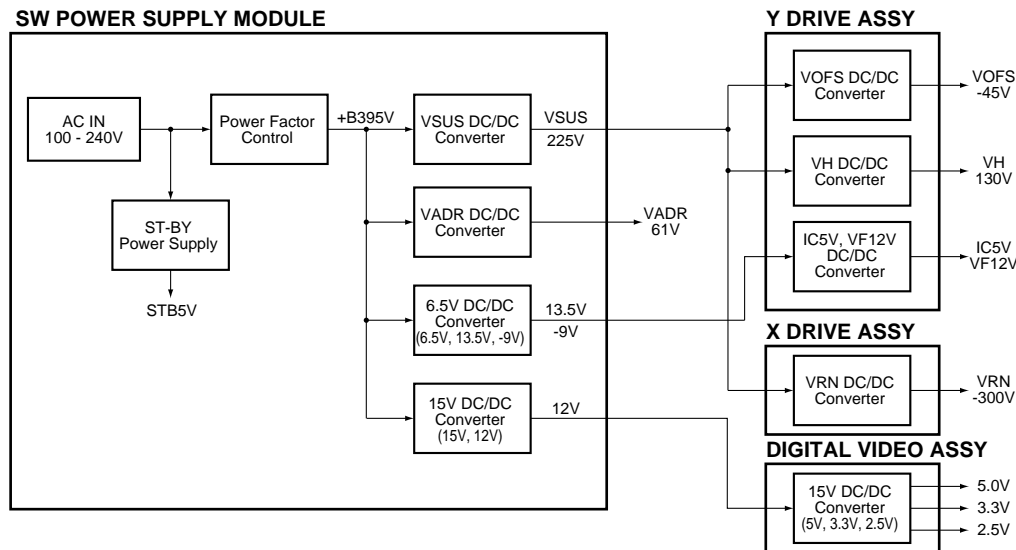
Note 1: AC200V P.D. is not applicable to the PZ-50HV2/2E and PZ-50HV2U models.

● Diagnosis of the error point in the various protection circuit (P.D. circuit) operation (Red LED blinks)

Number of Blinks	P.D. Point in Operation	Error Point	Possible Part of Error	Circuit State	Operation P.D. Circuit	Diagnosis Condition
1	Y DRIVE	Y DRIVE Assy	IC2206, IC2214 (Pulse module), IC2203, IC2204, IC2212, IC2213, IC2213, IC2217, R2209	K2211 Lo	VCP OCP	
		VOFS D/D CONV. BLOCK (Y DRIVE Assy)	IC2702, IC2709, IC2715	K2712 Lo	VOFS OVP	
		VOFS D/D CONV. BLOCK (Y DRIVE Assy)	IC2701, IC2702, IC2709, IC2715 Q2211, Q2212, R2277, IC2208, IC2210	K2709 Lo	VOFS UVP	Drive section (control signal, output elements etc.) in normal operation VOFS D/D CONV. BLOCK in normal operation
2	Y DC DC	VH D/D CONV. BLOCK (Y DRIVE Assy)	IC2712, IC2716	K2719 Lo	VH OVP	
		VH D/D CONV. BLOCK (Y DRIVE Assy)	IC2711, IC2712, IC2716			Drive section (control signal, output elements etc.) in normal operation
		SCAN (A), (B) Assy	SCAN IC	K2718 Lo	VH UVP	VH D/D CONV. BLOCK in normal operation
		IC5V D/D CONV. BLOCK (Y DRIVE Assy)	IC2704, IC2706, IC2717 SCAN IC			SCAN Assy in normal operation
		SCAN (A), (B) Assy	SCAN IC	K2713 Lo	IC5V UVP	IC5V D/D CONV. BLOCK in normal operation
		IC5V D/D CONV. BLOCK (Y DRIVE Assy)	IC2704, IC2706, IC2717			SCAN Assy in normal operation
		VRN D/D CONV. BLOCK (X DRIVE Assy)	IC3702, IC3712	K3708 Lo	VRN OVP	
		VRN D/D CONV. BLOCK (X DRIVE Assy)	IC3701, IC3702, IC3712			Drive section (control signal, output elements etc.) in normal operation
3	X DC DC	X DRIVE Assy	Q3122	K3705 Lo	VRN UVP	VRN D/D CONV. BLOCK in normal operation
		X DRIVE Assy	IC3200, IC3201 (pulse module), IC3103, IC3104, IC3106, IC3107, IC3110, IC3113, R3109 Q3122	K3103 Lo	VCP OCP	
4	X DRIVE	X DRIVE Assy	IC3200, IC3201 (Pulse module)	K3102 Lo	VRN OCP	
		Y DRIVE Assy	IC2206, IC2214 (Pulse module)			When P4 connector disconnected, P.D. does not occur When P3 connector disconnected, P.D. does not occur When P6 connector disconnected, P.D. does not occur When pin 5 of P2 connector disconnected, P.D. does not occur
5	PS	MX AUDIO Assy	IC8601 (Audio IC)			When the voltage is not output even if P4, P3 and P6 connectors disconnected
		ADDRESS CONNECT A - D Assy, RESONANCE Assy, D/D CONV. BLOCK (DIGITAL VIDEO Assy)				
		SW POWER SUPPLY Module	SW POWER SUPPLY Module			
6	ADR	ADDRESS CONNECT A-D Assy	Disconnect D8 - D15 connectors		ADR. PD	
7	ADR K	RESONANCE Assy	TCP damage of IC6704 (ICP), disconnect D16 and D17 connectors, panel microcomputer is defective, outside Flash ROM of the panel microcomputer is defective.		ADR. K. PD	<div>Note: About PS PD The condition that Red LED blinks five times (power supply PD) 1 When the internal protection circuit of SW POWER SUPPLY Module worked 2 When a microcomputer was not able to identify the PD point ↓ Being careful because the protection circuit of SW POWER SUPPLY Module cannot conclude that worked.</div>
		D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1901 Lo	5.0V OVP	
8	DIGITAL DC DC	D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1902 Lo	5.0V UVP	
		D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1903 Lo	3.3V OVP	
		D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1904 Lo	3.3V UVP	
		D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1905 Lo	2.5V OVP	
				K1906 Lo	2.5V UVP	

Note : About PS PD
The condition that Red LED blinks five times (power supply PD)
1 When the internal protection circuit of SW POWER SUPPLY Module worked
2 When a microcomputer was not able to identify the PD point
↓
Being careful because the protection circuit of SW POWER SUPPLY Module cannot conclude that worked.

● Block diagram for Power supply section



● Supplementary information

1. Power on/off switch for the large-signal system (SW102)

Function: Only the power for the small-signal system (15V, 12V, 6.5V, 13.5V, and -9V) is on, and the power for the large-signal system (VSUS, VADR) is off.

Usage: Use when only an operational check for the small-signal system is required.

Supplementary information:

When this switch is to be used, the wires of pin 5 (DIG, ADR, and PD) of the P2 connector of the power-supply module should be disconnected to prevent the PD circuit from operating. To turn the power of the large-signal system off without using this switch, operation from an external PC through RS-232C commands "DRF" is basically required. In this case, the above procedure is not required, as the PD circuit is muted by software.

Method of power supply ON in the large signal system OFF state with RS-232C command

- ① Confirm that this unit is the standby state.
- ② Transmit RS-232C command "DRF."
- ③ Turn the power supply ON by remote control unit, side key or command "PON."

* When turn the power supply OFF once, return to setting of large signal system ON.
When turn the power supply ON in the large signal system OFF, transmit "DRF" command each time.

2. 200V AC power-down switch (SW101)

Function: While 200V AC voltage is applied, operation of the PD circuit is turned on and off (ON when the switch is set to 100V AC, and OFF when the switch is set to 200V AC).

Setting: For the PU model only, the switch is set to 100V, and for other models, it is set to 200V.

3. Temperature compensation of the VOFS voltage for the drive system

Function: Control the power supply voltage mentioned above according to temperature. (Temperature compensation works so that the voltage is lowered on the lower- temperature side, and is raised on the higher-temperature side.)

Purpose: To improve the yield by compensating the temperature characteristics of the panel.

Supplementary information:

For this model, temperature compensation is performed only for the VOFS voltage, and not for the VSUS voltage, and it is controlled by software.

4. When a fuse blows

- If a fuse blows, never turn the power on again only after replacing the fuse. (In most cases, the fuse itself did not have any problem. So as long as factors of overcurrent have not been removed, chances of destruction increase every time the power is turned on. In the worst case, about a dozen parts may be destroyed.)
- Principally, the whole power-supply module must be replaced.

5. Voltage adjustment of the panel drive

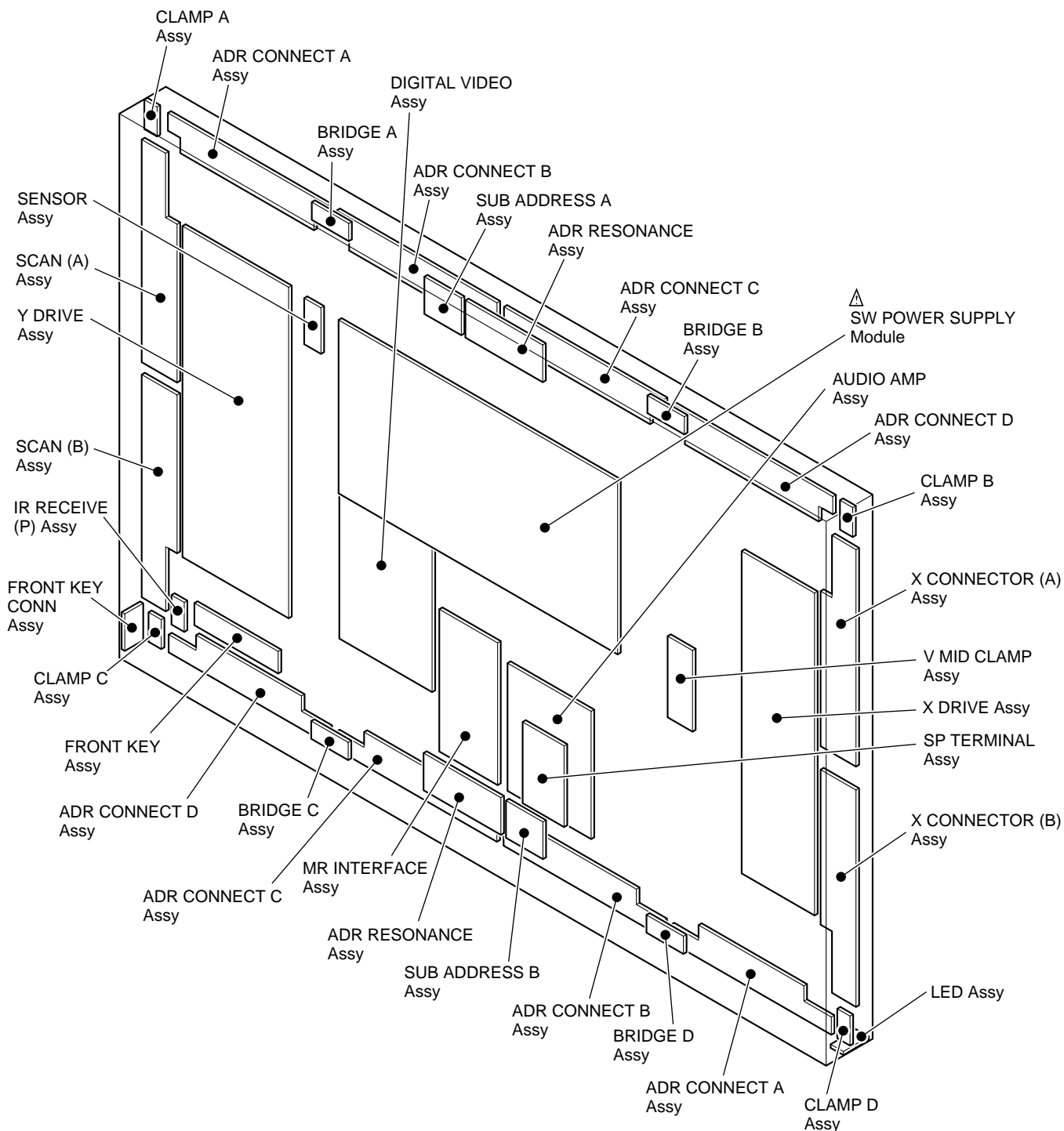
As this model employs the electronic VR system for the VSUS and VOFS voltages, and as the voltage-adjustment data are stored in the DIGITAL assembly, voltage adjustment of the panel drive is not necessary when the power-supply modules are changed. (For VADR, VH, and VRN, adjustments with semifixed VR controls are necessary.)

For this model, as the power-supply block has been developed and designed by an outside vendor, at the point you know which module is a cause of failure (through diagnosis described elsewhere in this manual), change the corresponding modules, and do not diagnose or repair the module.

Similarly, the switches and the semifixed VRs inside the power-supply module must not be adjusted without a special reason.

CHASSIS LAYOUT

■ PWB LOCATION



● Rear View

DESCRIPTION OF MAJOR IC FUNCTIONS

- The information shown in the list is basic information and may not correspond exactly to that shown in the schematic diagrams.

- List of IC**

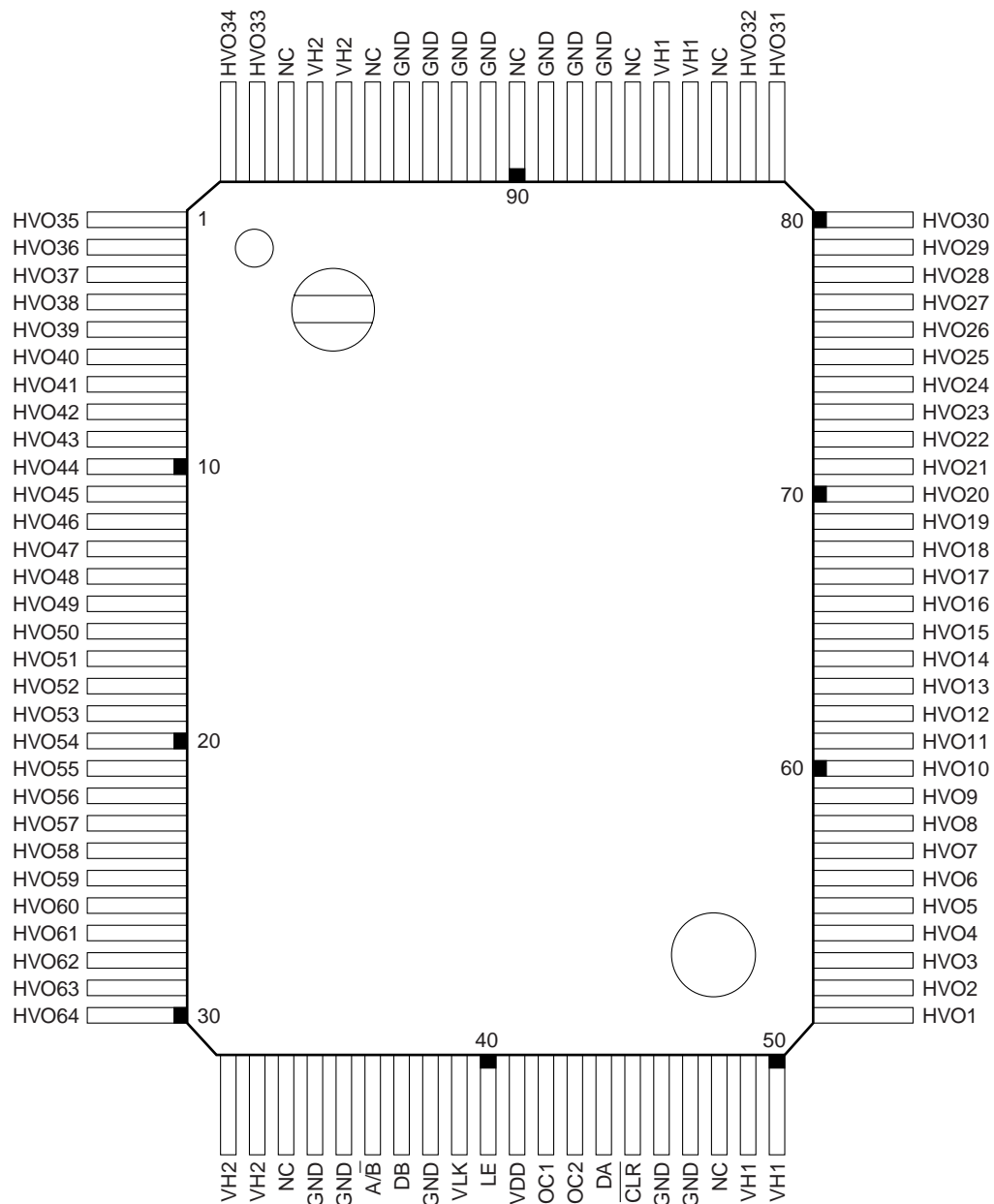
SN755860PJ, HD64F2328VF, PE1013B, M30624FGAFP, PD6358A, PST9246N, FS781BZB, STK795-460

- SN755860PJ (SCAN (B) ASSY : IC6201 - IC6206)**

- SN755860PJ (SCAN (A) ASSY : IC6001 - IC6006)**

- Scan IC

- Pin Assignment (Top view)**



■ HD64F2328VF (DIGITAL VIDEO ASSY : IC1101)

• Panel Microcomputer

• Pin Function

No.	Pin Name	Function
1	CS_23	PE5064 (IC1703) control output
2	NC	NC Terminal
3	VSS	GND
4	VSS	GND
5	VCC	3.3V power supply
6	UA0	Address bus
7	UA1	Address bus
8	UA2	Address bus
9	UA3	Address bus
10	VSS	GND
11	UA4	Address bus
12	UA5	Address bus
13	UA6	Address bus
14	UA7	Address bus
15	UA8	Address bus
16	UA9	Address bus
17	UA10	Address bus
18	UA11	Address bus
19	VSS	GND
20	UA12	Address bus
21	UA13	Address bus
22	UA14	Address bus
23	UA15	Address bus
24	UA16	Address bus
25	UA17	Address bus
26	UA18	Address bus
27	UA19	Address bus
28	VSS	GND
29	UA20	Address bus
30	PA5	NC terminal
31	PA6	NC terminal
32	PA7	NC terminal
33	CE_PN	Enables / for panel microcomputer
34	CE_PN	Enables / for panel microcomputer
35	VSS	GND
36	VSS	GND
37	APLP	The APL value acquisition trigger signal input
38	VD_31	The V signal input from IC1401 (PD6358)
39	VCC	3.3V power supply
40	UD0	Data bus
41	UD1	Data bus
42	UD2	Data bus
43	UD3	Data bus
44	VSS	GND
45	UD4	Data bus
46	UD5	Data bus
47	UD6	Data bus
48	UD7	Data bus
49	UD8	Data bus
50	UD9	Data bus

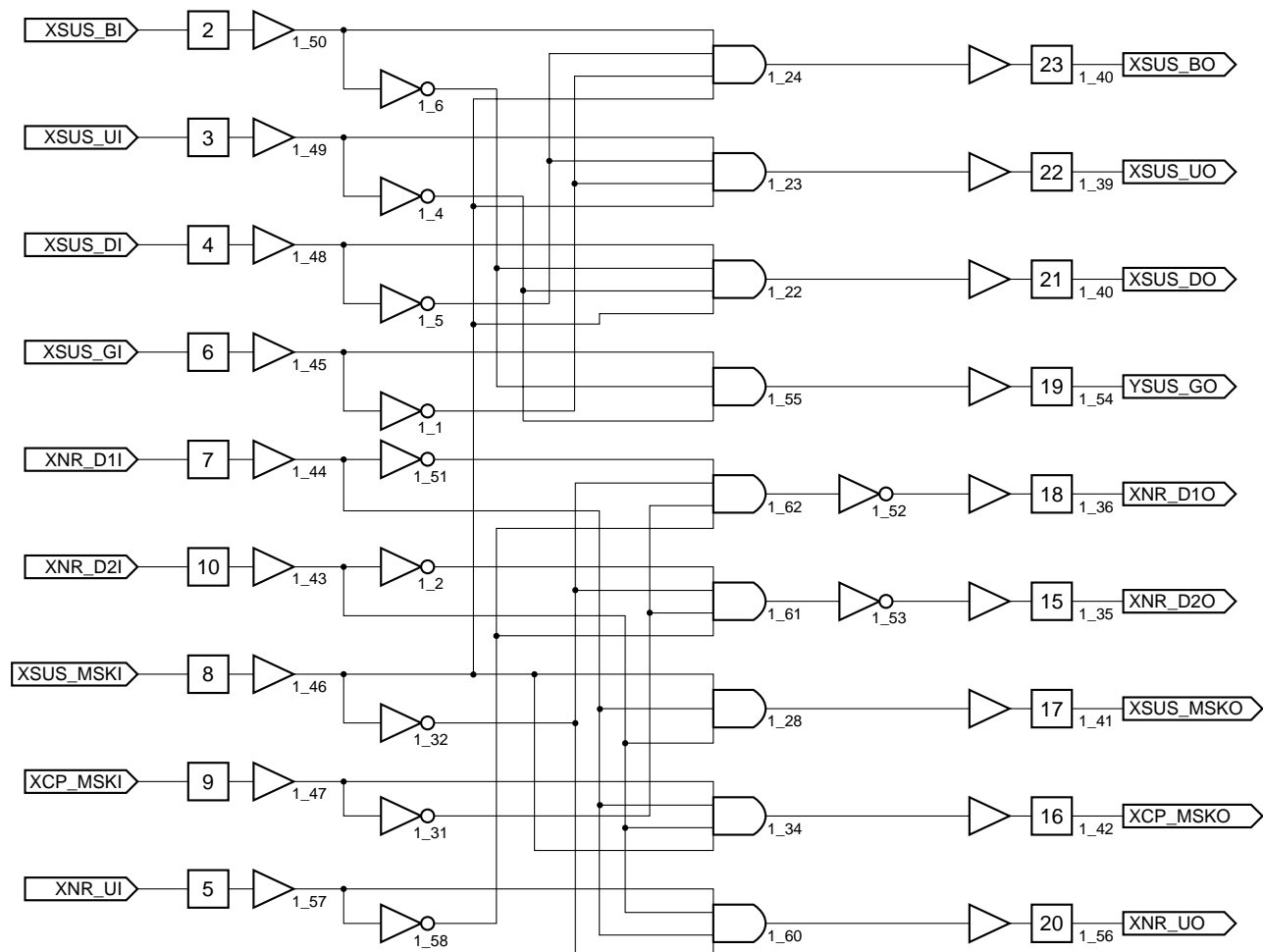
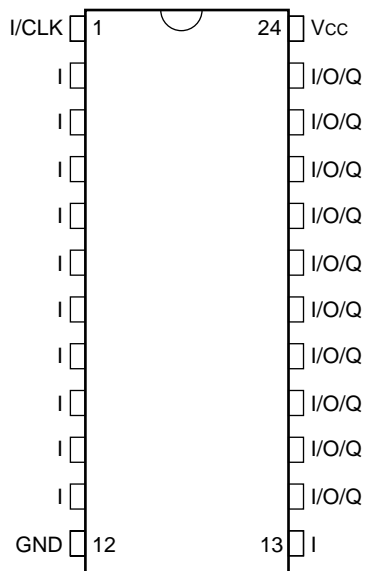
No.	Pin Name	Function
51	UD10	Data bus
52	UD11	Data bus
53	VSS	GND
54	UD12	Data bus
55	UD13	Data bus
56	UD14	Data bus
57	UD15	Data bus
58	VCC	3.3V power supply
59	D_TXD	Communication with IC1207 (module microcomputer)
60	EXT_TXD	Communication with the outside (program notes)
61	D_RXD	Communication with IC1207 (module microcomputer)
62	EXT_RXD	Communication with the outside (program notes)
63	D_CLK	Communication with IC1207 (module microcomputer)
64	P60	NC terminal
65	VSS	GND
66	CS_FLASH	A flash memory control terminal
67	VSS	GND
68	VSS	GND
69	P61	NC terminal
70	UDREQ	IC1703 (PE5064) control terminal
71	P63	NC terminal
72	WE_FLASH	A flash memory note control signal (unused)
73	BUSY	The command receipt of a message lye Norwich output
74	REQ_PU	A communication demand to a module microcomputer
75	SEL23B	IC1703 (PE5064) control terminal
76	CLRB	IC1703 (PE5064) control terminal
77	FR_SEL	The free run select signal output
78	RST31B	The reset output to IC1301, IC1401 (PD6358)
79	RST23B	The reset output to IC1703 (PE5064)
80	FWE	Microcomputer program note control signal
81	RESET	Reset input
82	NMI	The at the rate of tang input (unused)
83	STBY	The hardware standby input (unused)
84	VCC	3.3V power supply
85	XTAL	A clock oscillation child connection terminal
86	EXTAL	A clock oscillation child connection terminal
87	VSS	GND
88	PF7	NC terminal
89	VCC	3.3V power supply
90	PF6	NC terminal
91	RDB	A read control terminal from an outside slave device
92	HWRB	A wright control terminal to an outside slave device
93	PF3	NC terminal
94	PF2	NC terminal
95	PF1	NC terminal
96	PF0	NC terminal
97	P50	NC terminal
98	P51	NC terminal
99	VSS	GND
100	VSS	GND

No.	Pin Name	Function
101	P52	NC terminal
102	P53	NC terminal
103	AVCC	3.3V power supply
104	VREF	A/D, D/A reference voltage input (unused)
105	STOPB	The drive control input from IC1703 (PE5064)
106	P41	NC terminal
107	RYBY	The flash memory note ready input
108	ADR_K_EMG_L1	The emergency input from panel bottom address resonance block
109	ADR_K_EMG_U1	The emergency input from panel upper address resonance block
110	ADR_K_EMG_L2	The emergency input from panel bottom address resonance block (unused)
111	ADR_K_EMG_U2	The emergency input from panel upper address resonance block (unused)
112	P47	NC terminal
113	AVSS	GND
114	VSS	GND
115	MUTE_ADR	The panel mute signal input
116	MUTE_SUS	The X and Y drive mute signal output (unused)
117	P15	NC terminal
118	HD	The HD signal input from outside Assy (RGB Assy etc.)
119	P13	NC terminal
120	P12	NC terminal
121	PC_VIDEO	The PC/Video identification output
122	VD	The HD signal input from outside Assy (RGB Assy etc.)
123	MD0	The microcomputer mode of operation select signal input
124	MD1	The microcomputer mode of operation select signal input
125	MD2	The microcomputer mode of operation select signal input
126	PG0	NC terminal
127	CS_31Y	IC1301, IC1401 (PD6358) control signal
128	CS_31X	IC1301, IC1401 (PD6358) control signal

■ PE1012A (X DRIVE ASSY : IC3003)

• Drive Protect PLD

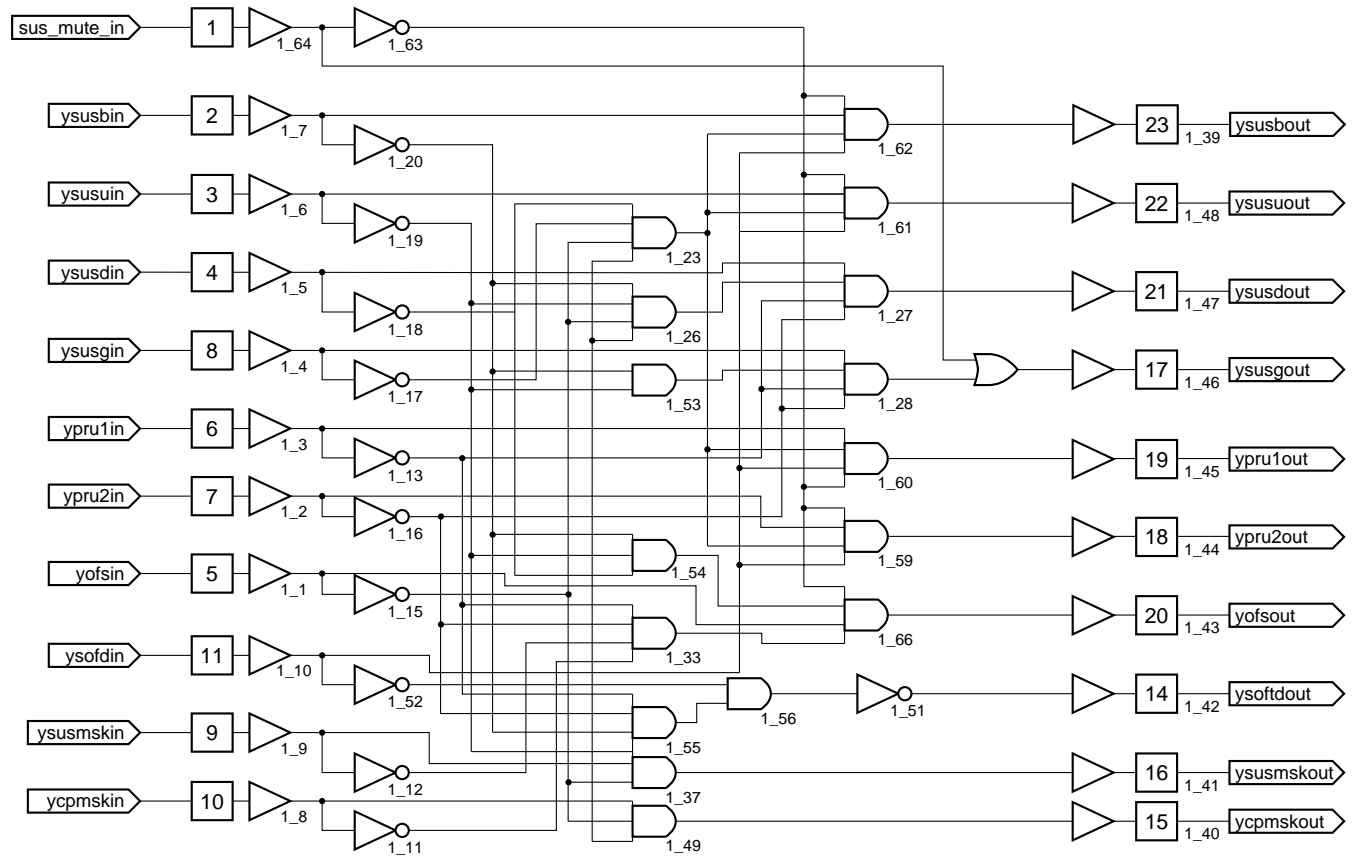
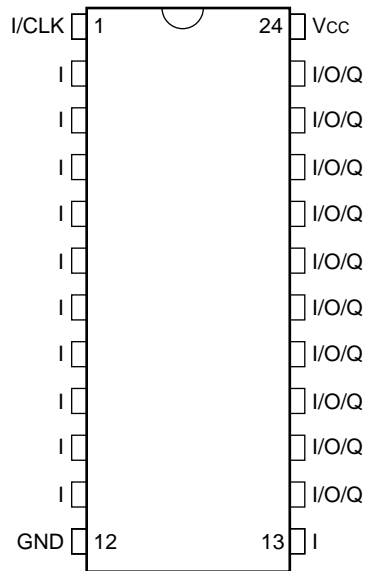
• Pin Assignment (Top View)



■ PE1013B (Y DRIVE ASSY : IC2006)

• Drive Protect PLD

• Pin Assignment (Top View)



■ M30624FGAFP (DIGITAL VIDEO ASSY : IC1207)

• Module Microcomputer

• Pin Function

No.	Pin Name	Function
1	TXD	Serial 3 line data output for communication with a panel microcomputer
2	CLK	Serial 3 line clock for communication with a panel microcomputer
3	NC	NC terminal
4	NC	NC terminal
5	NC	NC terminal
6	NC	NC terminal
7	NC	NC terminal
8	BYTE	The external data bus width reshuffling input (I am unused and connect GND)
9	CNVSS	A power supply for program note (a note, 5V, usually, pull-down)
10	XCIN	NC terminal
11	XCOUT	NC terminal
12	RESET	A reset input terminal
13	XOUT	Clock output terminal
14	VSS	GND
15	XIN	Clock input terminal
16	VCC	5V standby power
17	NMI	Because a NMI interruption terminal is unused, It handle pull up.
18	REM	The SR signal input
19	REQ_PU	A communication demand from a panel microcomputer (the pulse meter acquisition)
20	/SW_TRG	Main switch OFF / ON search
21	NC	NC terminal
22	NC	NC terminal
23	NC	NC terminal
24	AC_OFF	AC power OFF search and power supply ASSY differentiation.
25	PD_TRIGGER	Power down search
26	NC	NC terminal
27	NC	NC terminal
28	NC	NC terminal
29	SCL	EEPROM, IIC communication with power supply ASSY
30	SDA	EEPROM, IIC communication with power supply ASSY
31	TXD1	Communication with the outside (a program note)
32	RXD1	Communication with the outside (a program note)
33	CLK1	Communication with the outside (a program note)
34	BUSY1	Communication with the outside (a program note)
35	TXD0	Communication with outside ASSY (microcomputers main in RGB ASSY, etc)
36	RXD0	Communication with outside ASSY (microcomputers main in RGB ASSY, etc)
37	NC	NC terminal
38	REQ_MD/A_MUTE	232C communication demand (a request to a main microcomputer) / audio system mute
39	NC	NC terminal
40	NC	NC terminal
41	EPM	The EPM input for program note (L fixation)
42	NC	NC terminal
43	PU_CE	Enables/ for panel microcomputer
44	NC	NC terminal
45	MOD_SW/A_NG	The model of machines distinction input / audio system NG input
46	CE	The CE input for program note (H fixation)
47	DITHER/SW_STC	Power supply search of a dither setting / media receiver for module
48	NC	NC terminal
49	/SW_STP	Power supply search of a panel
50	NC	NC terminal

No.	Pin Name	Function
51	NC	NC terminal
52	RELAY	The output for power supply ON / OFF change
53	POWER/MSTATE	Input / SII861 master information for power supply ON / OFF change
54	NC	NC terminal
55	WE_PN	Buffer state control for panel microcomputer note
56	MD0	The panel microcomputer mode of operation change output
57	MD2	The panel microcomputer mode of operation change output
58	FWE	The panel microcomputer program note control signal output
59	RST_PU	The panel microcomputer reset output
60	PN_MUTE	The panel mute input
61	NC	NC terminal
62	VCC	5V standby power
63	NC	NC terminal
64	VSS	GND
65	NC	NC terminal
66	NC	NC terminal
67	/A_SCL	IIC clock for audio system
68	/A_SDA	IIC data for audio system
69	APD_MUTE	A mute signal of address series
70	ADR_K_PD	The address oscillatory system PD input
71	ADR_PD	The address series PD input
72	DCC_PD	The power supply system PD input
73	NC	NC terminal
74	NC	NC terminal
75	RST2	Panel microcomputer reset search
76	NC	NC terminal
77	/DDC_SCL	IIC communication with a media receiver
78	/DDC_SDA	IIC communication with a media receiver
79	NC	NC terminal
80	NC	NC terminal
81	DEW_DET	The dew condensation sensor input
82	NC	NC terminal
83	NC	NC terminal
84	NC	NC terminal
85	NC	NC terminal
86	LED_G	Green LED lighting (LED on interface ASSY in a panel module)
87	LED_R	Red LED lighting (LED on interface ASSY in a panel module)
88	NC	NC terminal
89	BUSY	Communication permission / inhibiting signal from a panel microcomputer
90	NC	NC terminal
91	NC	NC terminal
92	/F_KEY1	The front KEY input
93	MAX_PLS2/F_KEY2	The terminal / front KEY input for brightness setting mode of operation change
94	TEMP1	The A/D input for temperature sensor
95	MAX_PLS? /CCKM	Terminal / connection search for brightness setting mode of operation change
96	AVSS	GND for AD conversion
97	PM_ST	The A/D input for model of machines distinction
98	VREF	Reference voltage for AD conversion
99	AVCC	5V standby power for AD conversion
100	RXD	Serial 3 line data entry for communication with a panel microcomputer

■ PD6358A (DIGITAL VIDEO ASSY : IC1301)

• Picture Improved IC

• Pin Function

No.	Pin Name	Function
1	VSS	GND
2	TESTO6	Test output terminal (unused)
3	OSDCLK	The CLK input for OSD
4	TTST	Test input terminal (unused)
5	VDDI	2.5V power supply
6	OVDDE-01	3.3V power supply
7	AGO0	Address data output (G signal)
8	VDDI	2.5V power supply
9	AGO2	Address data output (G signal)
10	AGO3	Address data output (G signal)
11	AGO4	Address data output (G signal)
12	VDDI	2.5V power supply
13	ARO6	Address data output (R signal)
14	AGO7	Address data output (G signal)
15	VDDI	2.5V power supply
16	ARO9	Address data output (R signal)
17	ABO9	Address data output (B signal)
18	VDDI	2.5V power supply
19	ADRCLKO2	The address CLK output (for panel upper part)
20	ARO12	Address data output (R signal)
21	ARO13	Address data output (R signal)
22	AGO14	Address data output (G signal)
23	AGO15	Address data output (G signal)
24	ARO16	Address data output (R signal)
25	ARO17	Address data output (R signal)
26	VSS	GND
27	ABO17	Address data output (B signal)
28	AGO17	Address data output (G signal)
29	AGO18	Address data output (G signal)
30	ABO19	Address data output (B signal)
31	UDAT15	Microcomputer data bus
32	UDAT12	Microcomputer data bus
33	UDAT9	Microcomputer data bus
34	UDAT5	Microcomputer data bus
35	OVDDE-06	3.3V power supply
36	APLP	APL value output trigger signal
37	OVDDE-08	3.3V power supply
38	CS5BI	The chip select input
39	CS4BI	The chip select input
40	UADRI13	Microcomputer address bus
41	UADRI9	Microcomputer address bus
42	UADRI6	Microcomputer address bus
43	UADRI2	Microcomputer address bus
44	UADRI1	Microcomputer address bus
45	TESTI2	Test input terminal (unused)
46	BIT0	The subfield No output (the 0 bit)
47	OVDDE-11	3.3V power supply
48	TESTO4	Test output terminal (unused)
49	ARO39	Address data output (G signal)
50	AGO38	Address data output (G signal)

No.	Pin Name	Function
51	VSS	GND
52	ABO37	Address data output (B signal)
53	ABO36	Address data output (B signal)
54	ARO36	Address data output (R signal)
55	ABO34	Address data output (B signal)
56	ADRCLKO4	The address CLK output (for panel bottom part)
57	AGO33	Address data output (G signal)
58	AGO32	Address data output (G signal)
59	AGO31	Address data output (G signal)
60	AGO30	Address data output (G signal)
61	AGO29	Address data output (G signal)
62	VDDI	2.5V power supply
63	ABO27	Address data output (B signal)
64	AGO26	Address data output (G signal)
65	VDDI	2.5V power supply
66	AGO24	Address data output (G signal)
67	VDDI	2.5V power supply
68	ABO22	Address data output (B signal)
69	VDDI	2.5V power supply
70	ARO21	Address data output (R signal)
71	ARO20	Address data output (R signal)
72	VDDI	2.5V power supply
73	OVDDE-14	3.3V power supply
74	TDI	The JTAG input
75	RBI9	The R picture B aspect signal input (the ninth bit)
76	VSS	GND
77	RBI8	The R picture B aspect signal input (the eighth bit)
78	RBI6	The R picture B aspect signal input (the sixth bit)
79	RBI4	The R picture B aspect signal input (the fourth bit)
80	OVSS-09	GND
81	RSTB	Reset input
82	GBI8	The G picture B aspect signal input (the eighth bit)
83	OVDDE-18	3.3V power supply
84	GBI5	The G picture B aspect signal input (the fifth bit)
85	GBI2	The G picture B aspect signal input (the second bit)
86	DEI	DE signal input
87	BBI6	The B picture B aspect signal input (the sixth bit)
88	BBI3	The B picture B aspect signal input (the third bit)
89	VDI	VD signal input
90	HDI	HD signal input
91	RAI6	The R picture A aspect signal input (the sixth bit)
92	RAI2	The R picture A aspect signal input (the second bit)
93	TESTI0	Test input terminal (unused)
94	OVSS-11	GND
95	GAI7	The G picture A aspect signal input (the seventh bit)
96	GAI3	The G picture A aspect signal input (the third bit)
97	GAI0	The G picture A aspect signal input (the 0 bit)
98	BAI6	The B picture A aspect signal input (the sixth bit)
99	BAI3	The B picture A aspect signal input (the third bit)
100	BAI0	The B picture A aspect signal input (the 0 bit)

No.	Pin Name	Function
101	TESTO7	Test output terminal (unused)
102	TESTO5	Test output terminal (unused)
103	OSDH	OSDH input
104	BLK	OSDBLK input
105	OSDB	OSDB signal input
106	NC	NC terminal
107	ARO1	Address data output (R signal)
108	ARO2	Address data output (R signal)
109	ARO3	Address data output (R signal)
110	ARO4	Address data output (R signal)
111	ARO5	Address data output (R signal)
112	ABO5	Address data output (B signal)
113	ARO7	Address data output (R signal)
114	ARO8	Address data output (R signal)
115	ABO8	Address data output (B signal)
116	AGO9	Address data output (G signal)
117	AGO10	Address data output (G signal)
118	ADRCLKO1	Address CLK output (for panel upper part)
119	ABO11	Address data output (B signal)
120	ABO12	Address data output (B signal)
121	ARO14	Address data output (R signal)
122	ARO15	Address data output (R signal)
123	ABO15	Address data output (B signal)
124	ABO16	Address data output (B signal)
125	AGO16	Address data output (G signal)
126	ARO18	Address data output (R signal)
127	AGO19	Address data output (G signal)
128	OVDDE-05	3.3V power supply
129	UDAT13	Microcomputer data bus
130	UDAT10	Microcomputer data bus
131	UDAT6	Microcomputer data bus
132	UDAT3	Microcomputer data bus
133	UDAT0	Microcomputer data bus
134	OVDDE-07	3.3V power supply
135	LR	The panel LR select input
136	RDBI	Microcomputer read control terminal
137	CLKSEL	CLK select input
138	UADRI10	Microcomputer address bus
139	UADRI7	Microcomputer address bus
140	UADRI3	Microcomputer address bus
141	CYCLEB	Address data output control signal
142	BIT2	Subfield No. output (the second bit)
143	SFSTB	Address data output control signal
144	OVSS-05	GND
145	TESTO2	Test output terminal (unused)
146	ABO38	Address data output (B signal)
147	ARO38	Address data output (R signal)
148	ARO37	Address data output (R signal)
149	AGO36	Address data output (G signal)
150	ARO35	Address data output (R signal)

No.	Pin Name	Function
151	ADRCLKO3	The address CLK output (for panel bottom part)
152	ABO33	Address data output (B signal)
153	ABO32	Address data output (B signal)
154	VDDI	2.5V power supply
155	ABO30	Address data output (B signal)
156	VDDI	2.5V power supply
157	ABO28	Address data output (B signal)
158	ARO28	Address data output (R signal)
159	ABO26	Address data output (B signal)
160	ABO25	Address data output (B signal)
161	ABO24	Address data output (B signal)
162	ARO24	Address data output (R signal)
163	ARO23	Address data output (R signal)
164	ARO22	Address data output (R signal)
165	AGO21	Address data output (G signal)
166	AGO20	Address data output (G signal)
167	TDO	JTAG signal
168	TMS	JTAG signal
169	RBI7	The R picture B aspect signal input (the seventh bit)
170	TCK	JTAG signal
171	RBI5	The R picture B aspect signal input (the fifth bit)
172	RBI3	The R picture B aspect signal input (the third bit)
173	RBI1	The R picture B aspect signal input (the first bit)
174	OVDDE-16	3.3V power supply
175	GBI7	The G picture B aspect signal input (the seventh bit)
176	OVSS-10	GND
177	GBI4	The G picture B aspect signal input (the fourth bit)
178	GBI1	The G picture B aspect signal input (the first bit)
179	BBI9	The B picture B aspect signal input (the ninth bit)
180	BBI5	The B picture B aspect signal input (the fifth bit)
181	BBI2	The B picture B aspect signal input (the second bit)
182	RAI9	The R picture A aspect signal input (the ninth bit)
183	CLK3	CLK input terminal (unused)
184	RAI5	The R picture A aspect signal input (the fifth bit)
185	RAI1	The R picture A aspect signal input (the first bit)
186	TESTI1	Test input terminal (unused)
187	GAI9	The G picture A aspect signal input (the ninth bit)
188	GAI6	The G picture A aspect signal input (the sixth bit)
189	GAI2	The G picture A aspect signal input (the second bit)
190	BAI9	The B picture A aspect signal input (the ninth bit)
191	BAI5	The B picture A aspect signal input (the fifth bit)
192	BAI2	The B picture A aspect signal input (the second bit)
193	BAI1	The B picture A aspect signal input (the first bit)
194	OVSS-01	GND
195	OVSS-02	GND
196	OSDG	OSDG signal input
197	ARO0	Address data output (R signal)
198	ABO0	Address data output (B signal)
199	ABO1	Address data output (B signal)
200	ABO2	Address data output (B signal)

No.	Pin Name	Function
201	ABO3	Address data output (B signal)
202	ABO4	Address data output (B signal)
203	OVDDE-02	3.3V power supply
204	ABO6	Address data output (B signal)
205	ABO7	Address data output (B signal)
206	VDDI	2.5V power supply
207	OVDDE-03	3.3V power supply
208	ARO10	Address data output (R signal)
209	ABO10	Address data output (B signal)
210	AGO11	Address data output (G signal)
211	AGO12	Address data output (G signal)
212	ABO13	Address data output (B signal)
213	ABO14	Address data output (B signal)
214	OVDDE-04	3.3V power supply
215	OVSS-03	GND
216	ARO19	Address data output (R signal)
217	TESTO1	Test output terminal (unused)
218	UDAT14	Microcomputer data bus
219	UDAT11	Microcomputer data bus
220	UDAT7	Microcomputer data bus
221	UDAT4	Microcomputer data bus
222	UDAT1	Microcomputer data bus
223	VDRD	V signal output
224	HWRBI	Microcomputer wright control terminal
225	UADRI14	Microcomputer address bus
226	OVDDE-09	3.3V power supply
227	UADRI11	Microcomputer address bus
228	UADRI8	Microcomputer address bus
229	UADRI4	Microcomputer address bus
230	BIT3	Subfield No. output (the third bit)
231	BIT1	Subfield No. output (the first bit)
232	OVDDE-10	3.3V power supply
233	TESTO3	Test output terminal (unused)
234	ABO39	Address data output (B signal)
235	AGO37	Address data output (G signal)
236	OVSS-06	GND
237	AGO35	Address data output (G signal)
238	ADRCLKO5	Address CLK output (for panel bottom part)
239	ARO34	Address data output (R signal)
240	ARO33	Address data output (R signal)
241	ABO31	Address data output (B signal)
242	ARO31	Address data output (R signal)
243	ABO29	Address data output (B signal)
244	ARO29	Address data output (R signal)
245	OVDDE-12	3.3V power supply
246	ARO27	Address data output (R signal)
247	ARO26	Address data output (R signal)
248	ARO25	Address data output (R signal)
249	OVDDE-13	3.3V power supply
250	AGO23	Address data output (G signal)

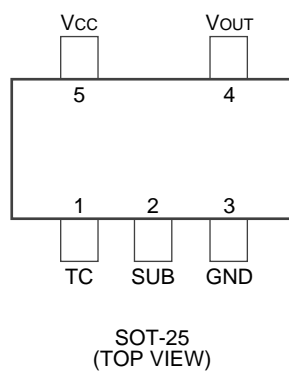
No.	Pin Name	Function
251	AGO22	Address data output (G signal)
252	VDDI	2.5V power supply
253	ABO20	Address data output (B signal)
254	OVSS-07	GND
255	OVDDE-15	3.3V power supply
256	OVSS-08	GND
257	RBI2	The R picture B aspect signal input (the second bit)
258	TRST	JTAG signal
259	GBI9	The G picture B aspect signal input (the ninth bit)
260	GBI6	The G picture B aspect signal input (the sixth bit)
261	OVDDE-17	3.3V power supply
262	GBI3	The G picture B aspect signal input (the third bit)
263	GBI0	The G picture B aspect signal input (the 0 bit)
264	BBI8	The B picture B aspect signal input (the eighth bit)
265	BBI4	The B picture B aspect signal input (the fourth bit)
266	BBI1	The B picture B aspect signal input (the first bit)
267	RAI8	The R picture A aspect signal input (the eighth bit)
268	OVDDE-19	3.3V power supply
269	RAI4	The R picture A aspect signal input (the fourth bit)
270	RAI0	The R picture A aspect signal input (the 0 bit)
271	FREERUN	The freerun control input
272	GAI8	The G picture A aspect signal input (the eighth bit)
273	GAI5	The G picture A aspect signal input (the fifth bit)
274	GAI1	The G picture A aspect signal input (the first bit)
275	BAI8	The B picture A aspect signal input (the eighth bit)
276	BAI4	The B picture A aspect signal input (the fourth bit)
277	VDDE	3.3V power supply
278	OSDV	OSDV input
279	VSS	GND
280	OSDR	OSDR signal input
281	VDDE	3.3V power supply
282	AGO1	Address data output (G signal)
283	VSS	GND
284	VDDI	2.5V power supply
285	VDDI	2.5V power supply
286	AGO5	Address data output (G signal)
287	AGO6	Address data output (G signal)
288	VDDI	2.5V power supply
289	AGO8	Address data output (G signal)
290	VSS	GND
291	ADRCLK00	The address CLK output (for panel upper part)
292	VDDE	3.3V power supply
293	ARO11	Address data output (R signal)
294	VSS	GND
295	AGO13	Address data output (G signal)
296	VDDE	3.3V power supply
297	ABO18	Address data output (B signal)
298	VSS	GND
299	TEST00	Test output terminal (unused)
300	VDDI	2.5V power supply

No.	Pin Name	Function
301	UDAT8	Microcomputer data bus
302	VSS	GND
303	UDAT2	Microcomputer data bus
304	VDDI	2.5V power supply
305	OVSS-04	GND
306	UADRI15	Microcomputer address bus
307	VDDI	2.5V power supply
308	UADRI12	Microcomputer address bus
309	VSS	GND
310	UADRI5	Microcomputer address bus
311	VDDI	2.5V power supply
312	NC	NC terminal
313	VSS	GND
314	AGO39	Address data output (G signal)
315	VDDE	3.3V power supply
316	ABO35	Address data output (B signal)
317	VSS	GND
318	AGO34	Address data output (G signal)
319	VDDE	3.3V power supply
320	ARO32	Address data output (R signal)
321	VSS	GND
322	ARO30	Address data output (R signal)
323	VDDI	2.5V power supply
324	AGO28	Address data output (G signal)
325	AGO27	Address data output (G signal)
326	NC	NC terminal
327	AGO25	Address data output (G signal)
328	VSS	GND
329	ABO23	Address data output (B signal)
330	VDDE	3.3V power supply
331	ABO21	Address data output (B signal)
332	VSS	GND
333	VPD	GND
334	VDDE	3.3V power supply
335	RBIO	The R picture B aspect signal input (the 0 bit)
336	VSS	GND
337	ACLK	CLK input (25MHz)
338	VDDI	2.5V power supply
339	CLK4	CLK input (50MHz)
340	VSS	GND
341	BBI7	The B picture B aspect signal input (the seventh bit)
342	VDDI	2.5V power supply
343	BBIO	The B picture B aspect signal input (the 0 bit)
344	RAI7	The R picture A aspect signal input (the seventh bit)
345	VDDI	2.5V power supply
346	RAI3	The R picture A aspect signal input (the third bit)
347	VSS	GND
348	CLK2	The image system CLK input
349	VDDI	2.5V power supply
350	GAI4	The G picture A aspect signal input (the fourth bit)
351	VSS	GND
352	BAI7	The B picture A aspect signal input (the seventh bit)

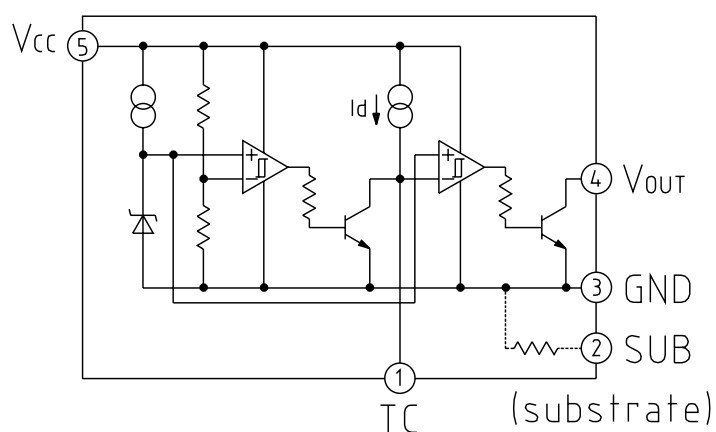
PST9246N (DIGITAL VIDEO ASSY : IC1208)

Reset IC

Pin Assignment (Top View)



Block Diagram



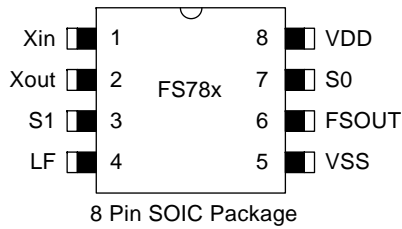
Pin Function

Pin No.	Pin name	Functions
1	TC	TPLH control pin
2	SUB	Substate pin
3	GND	GND pin
4	Vout	Reset signal output pin
5	Vcc	Vcc pin / voltage detect pin

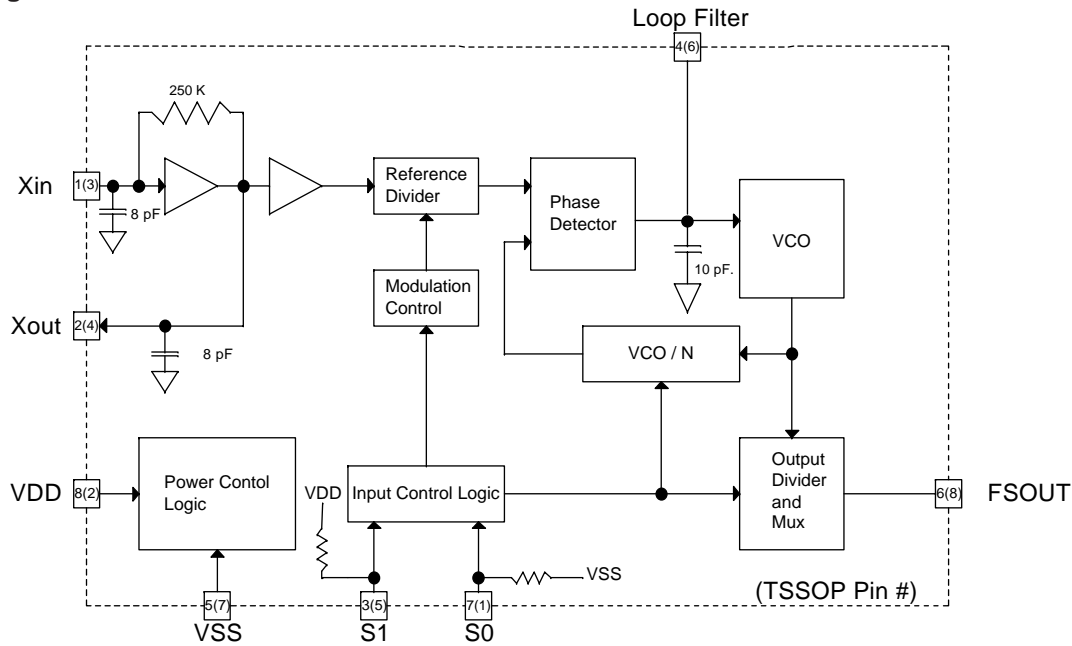
■ FS781BZB (DIGITAL VIDEO ASSY : IC1802)

• Low EMI Clock IC

• Pin Assignment (Top View)



• Block Diagram



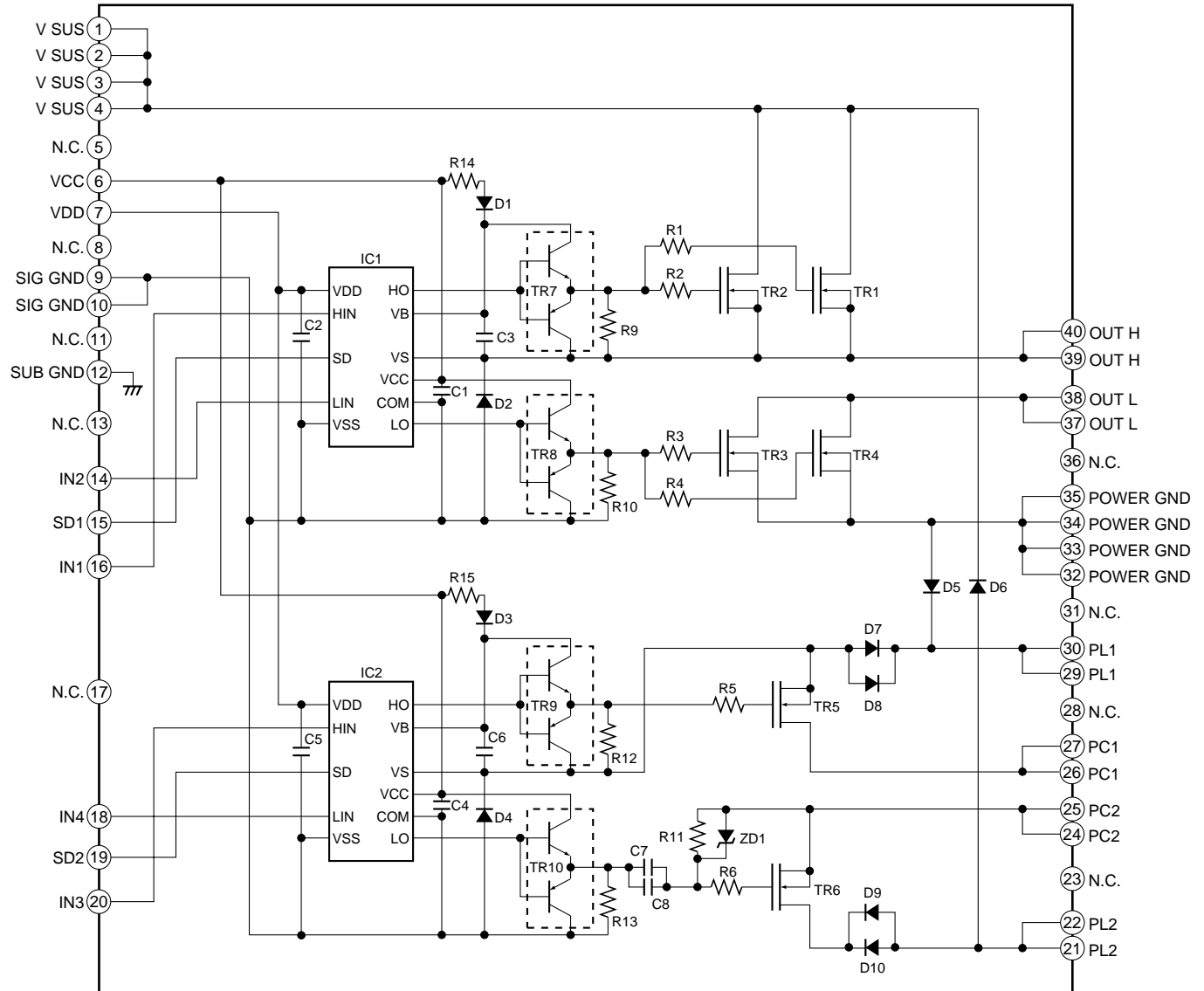
• Pin Function

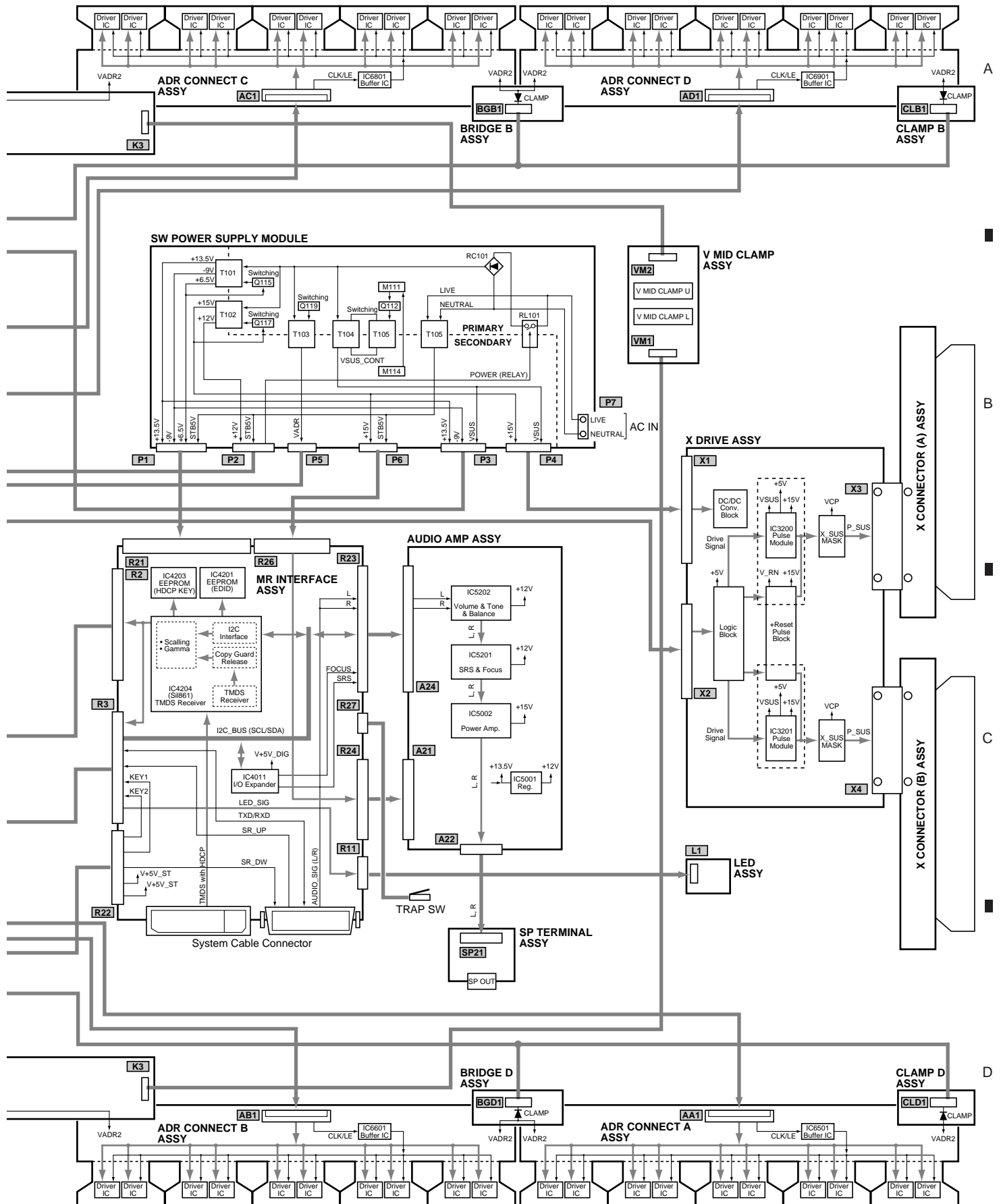
No.	Pin Name	I/O	Type	Function
1/2	Xin/Xout	I/O	Analog	Pins form an on-chip reference oscillator when connected to terminals of an external parallel resonant crystal. Xin may be connected to TTL/CMOS external clock source. If Xin connected to external clock other than crystal, leave Xout (pin2) unconnected.
7/3	S0/S1	I	CMOS/TTL	Digital control inputs to select input frequency range and output frequency scaling. Refer to Tables 7 and 8 for selection. S0 has internal pulldown. S1 has internal pullup.
4	LF	I	Analog	Loop Filter. Single ended tri-state output of the phase detector. A two-pole passive loop filter is connected to Loop Filter (LF).
6	FSOUT	O	CMOS/TTL	Modulated Clock Frequency Output. The center frequency is the same as the input reference frequency for FS781. Input frequency is multiplied by 2X and 4X for FS782 and FS784 respectively.
8	VDD	P	Power	Positive Power Supply
5	VSS	P	Power	Power Supply Ground

STK795-460 (X DRIVE ASSY : IC3200, IC3201) (Y DRIVE ASSY : IC2206, IC2214)

• PDP Pulse Module IC

• Block Diagram





● Voltages

CN4002 (MDR Connector) (↔ AVC System)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	M_RXD	232C bus (PDP → MR)	0-5V swing square wave
2	GND		
3	SENCE	Connecting detection for MR	0.0V DC
4	SPR	Audio signal R ch	Analog audio signal wave
5	SMPOW	MR relay control	3.5V DC
6	GND		
7	CCKM	System activation detection	1.9V DC
8	CSEN2	System activation signal	5.0V DC
9	CSEN1	Not used	
10	SPL	Audio signal L ch	Analog audio signal wave
11	M_TXD	232C bus (MR → PDP)	0-3.3V swing square wave
12	GND		
13	SPR	Audio signal R ch	Analog audio signal wave
14	SR_DW	Remote control signal	5.0V DC
15	SR_UP	MDR connecting detection signal multiplex remote control signal	3.75V DC
16	GND		
17	FRASH_W	Not used	
18	SRST	Not used	
19	GND		
20	SPL	Audio signal L ch	Analog audio signal wave

CN4003 (DVI Connector) (↔ AVC System)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	RX2-	DVI signal	DVI signal
2	RX2+	DVI signal	DVI signal
3	GND		
4	NC		
5	NC		
6	DDC_SCL	I2C for DDC	0-5V swing square wave
7	DDC_SDA	I2C for DDC	0-5V swing square wave
8	NC		
9	RX1-	DVI signal	DVI signal
10	RX1+	DVI signal	DVI signal
11	GND		
12	NC		
13	NC		
14	DDC_+5V	I2C power supply for DDC	5.0V DC
15	GND		
16	HPD	HOT_PLUG detection	5.0V DC
17	RX0-	DVI signal	DVI signal
18	RX0+	DVI signal	DVI signal
19	GND		
20	NC		
21	NC		
22	GND		
23	RXC+	DVI signal	DVI signal
24	RXC-	DVI signal	DVI signal

CN4004 (50P_FFC Connector) (↔ DIGITAL VIDEO Assy)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	GND		
2	GND		
3	NC		
4	NC		
5	NC		
6	NC		
7	BB0	8 bit video signal	0-3.3V swing square wave
8	BA0	8 bit video signal	0-3.3V swing square wave
9	BB1	8 bit video signal	0-3.3V swing square wave
10	BA1	8 bit video signal	0-3.3V swing square wave
11	BB2	8 bit video signal	0-3.3V swing square wave
12	BA2	8 bit video signal	0-3.3V swing square wave
13	BB3	8 bit video signal	0-3.3V swing square wave
14	BA3	8 bit video signal	0-3.3V swing square wave
15	BB4	8 bit video signal	0-3.3V swing square wave
16	BA4	8 bit video signal	0-3.3V swing square wave
17	BB5	8 bit video signal	0-3.3V swing square wave
18	BA5	8 bit video signal	0-3.3V swing square wave
19	BB6	8 bit video signal	0-3.3V swing square wave
20	BA6	8 bit video signal	0-3.3V swing square wave
21	BB7	8 bit video signal	0-3.3V swing square wave
22	BA7	8 bit video signal	0-3.3V swing square wave
23	GND		
24	GND		
25	NC		
26	NC		
27	NC		
28	NC		
29	GB0	8 bit video signal	0-3.3V swing square wave
30	GA0	8 bit video signal	0-3.3V swing square wave
31	GB1	8 bit video signal	0-3.3V swing square wave
32	GA1	8 bit video signal	0-3.3V swing square wave
33	GB2	8 bit video signal	0-3.3V swing square wave
34	GA2	8 bit video signal	0-3.3V swing square wave
35	GB3	8 bit video signal	0-3.3V swing square wave
36	GA3	8 bit video signal	0-3.3V swing square wave
37	GB4	8 bit video signal	0-3.3V swing square wave
38	GA4	8 bit video signal	0-3.3V swing square wave
39	GB5	8 bit video signal	0-3.3V swing square wave
40	GA5	8 bit video signal	0-3.3V swing square wave
41	GB6	8 bit video signal	0-3.3V swing square wave
42	GA6	8 bit video signal	0-3.3V swing square wave
43	GB7	8 bit video signal	0-3.3V swing square wave
44	GA7	8 bit video signal	0-3.3V swing square wave
45	GND		
46	GND		
47	NC		
48	NC		
49	GND		
50	GND		

CN4005 (50P_FFC Connector) (↔ DIGITAL VIDEO Assy)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	NC		
2	NC		
3	NC		
4	NC		
5	RB0	8 bit video signal	0-3.3V swing square wave
6	RA0	8 bit video signal	0-3.3V swing square wave
7	RB1	8 bit video signal	0-3.3V swing square wave
8	RA1	8 bit video signal	0-3.3V swing square wave
9	RB2	8 bit video signal	0-3.3V swing square wave
10	RA2	8 bit video signal	0-3.3V swing square wave
11	RB3	8 bit video signal	0-3.3V swing square wave
12	RA3	8 bit video signal	0-3.3V swing square wave
13	RB4	8 bit video signal	0-3.3V swing square wave
14	RA4	8 bit video signal	0-3.3V swing square wave
15	RB5	8 bit video signal	0-3.3V swing square wave
16	RA5	8 bit video signal	0-3.3V swing square wave
17	RB6	8 bit video signal	0-3.3V swing square wave
18	RA6	8 bit video signal	0-3.3V swing square wave
19	RB7	8 bit video signal	0-3.3V swing square wave
20	RA7	8 bit video signal	0-3.3V swing square wave
21	GND		
22	CLK	Clock	0-3.3V swing square wave (40MHz)
23	GND		
24	DE	Data enable	0-3.3V swing square wave (+ polarity)
25	GND		
26	HD	Horizontal sync. signal	0-3.3V swing square wave (- polarity 48.4kHz)
27	GND		
28	VD	Vertical sync. signal	0-3.3V swing square wave (- polarity 60.0Hz)
29	GND		
30	A_SCL	I2C bus	0-5V swing square wave
31	F_KEY1	Front key signal 1	5.0V DC
32	PMST	MDR connection Detect signal	3.75V DC
33	SMPOW	MR relay control	5.0V DC
34	A_MUTE	Audio mute	0.0V DC
35	CCKM	System activation detect	1.9V DC
36	M_STATE	Si1861 I2C bus master information	0.0V DC
37	SW_STC	Not used	
38	A_NG	Not used	
39	SW_TRG	System activation signal	5.0V DC
40	F_KEY2	Front key signal 2	5.0V DC
41	A_SDA	I2C bus	0-5V swing square wave
42	*LED_G	Green LED control signal	0.0V DC
43	TXD0	232C bus	0-5V swing square wave
44	*LED_R	Red LED control signal	5.0V DC
45	RXD0	232C bus	0-5V swing square wave
46	DDC_SCL	I2C for DDC	0-5V swing square wave
47	REM	Remote control signal	5.0V DC
48	DDC_SDA	I2C for DDC	0-5V swing square wave
49	GND		
50	GND		

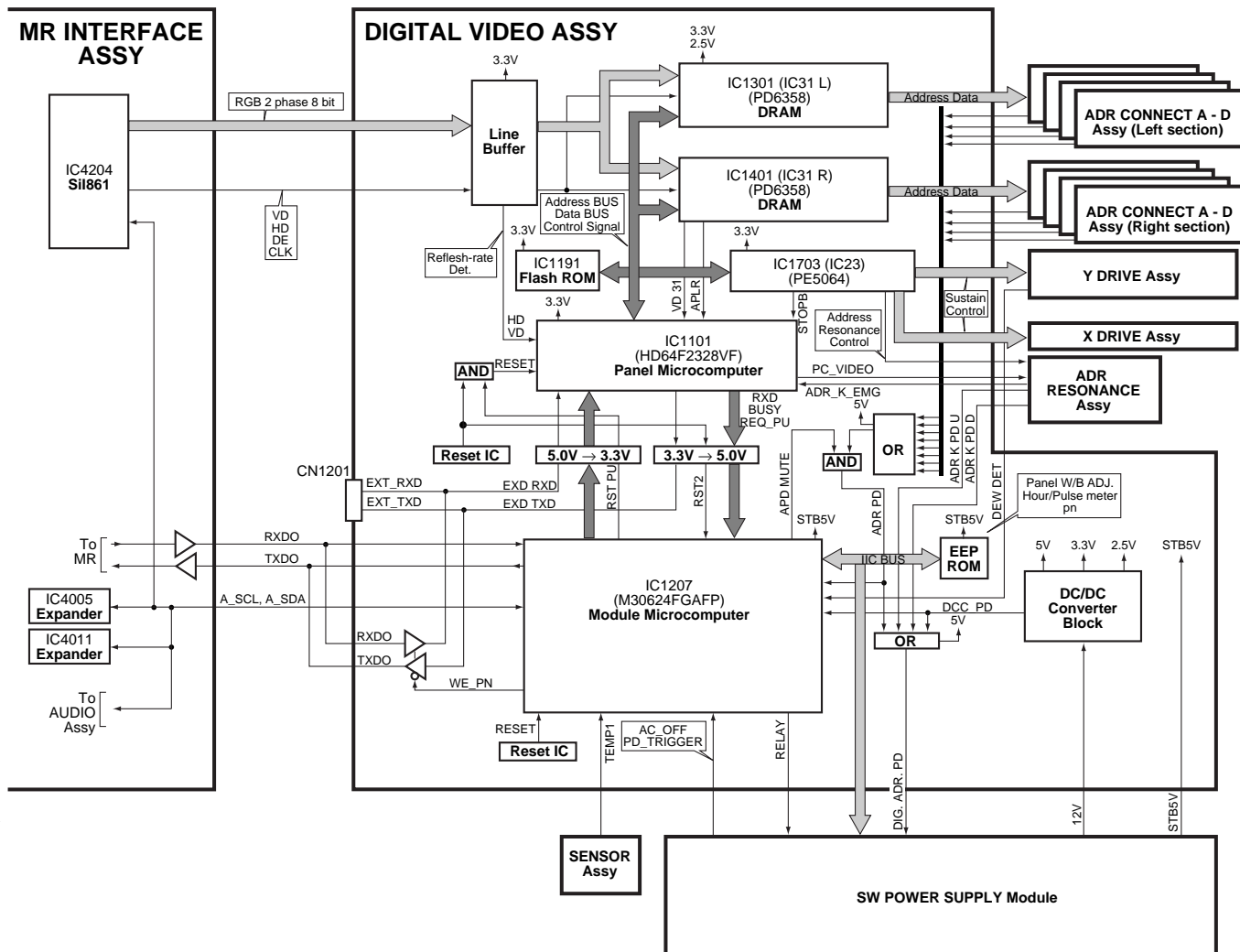
DIGITAL VIDEO ASSY

A

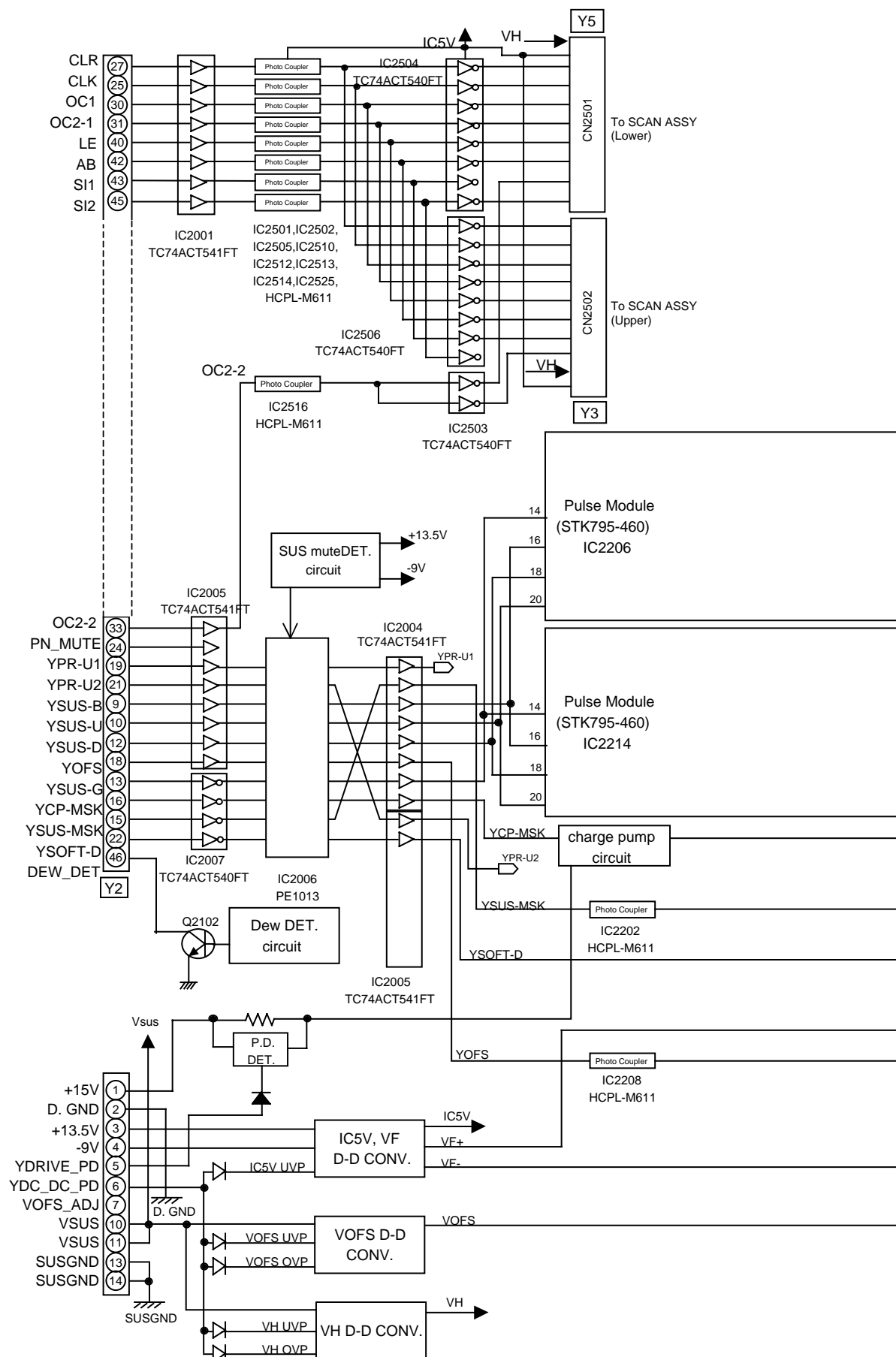
B

C

D



Y DRIVE ASSY

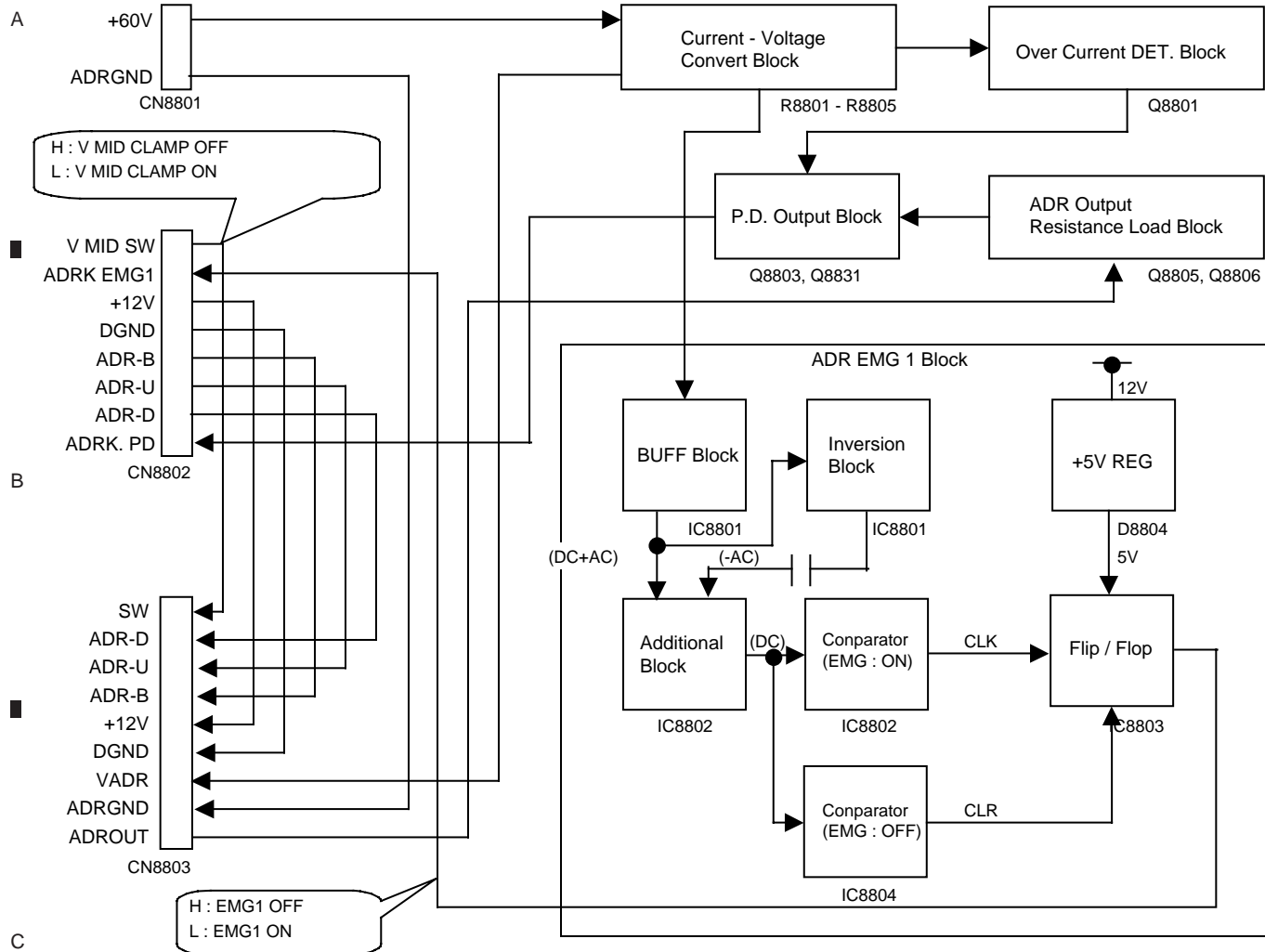




C

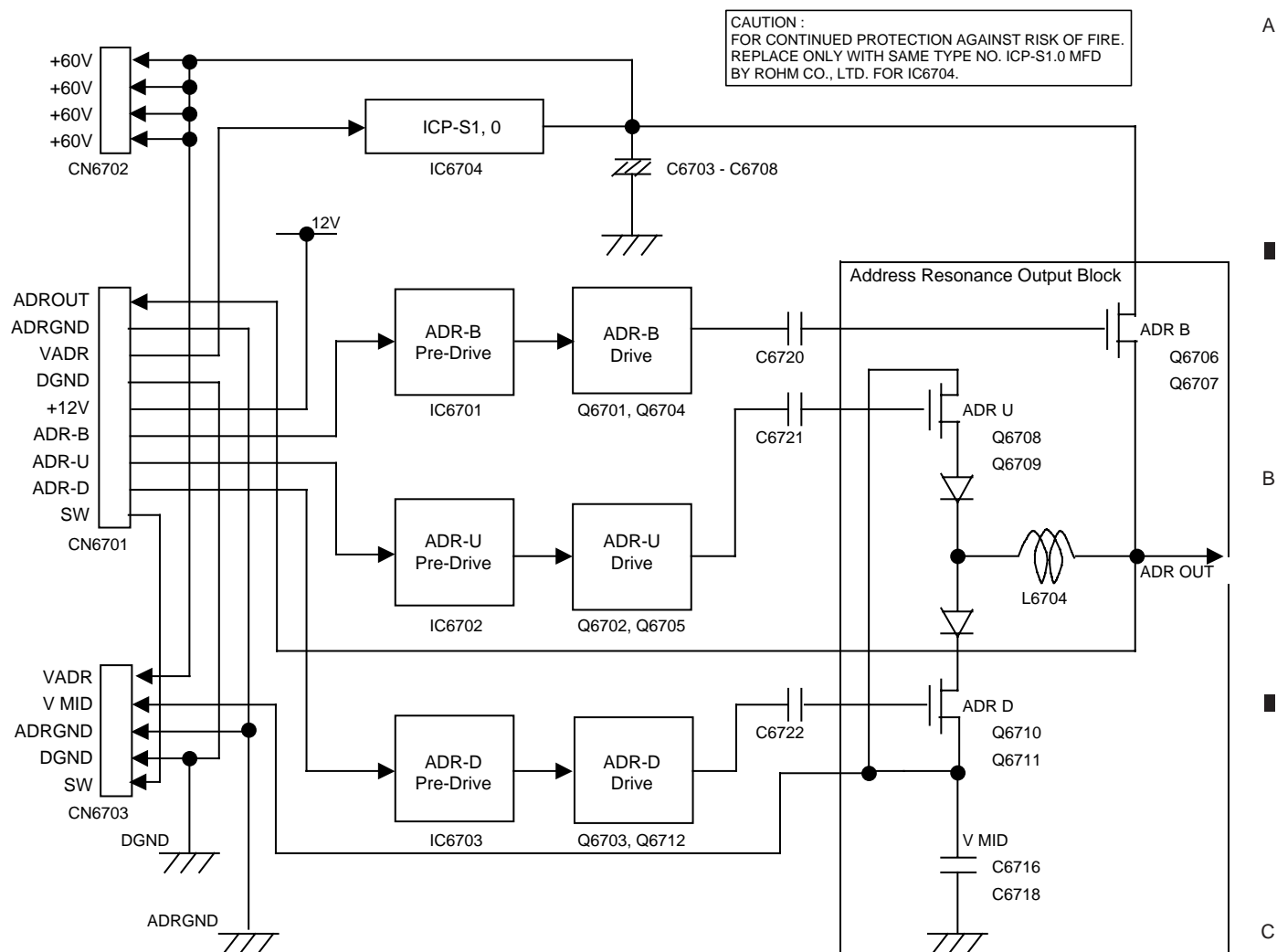
D

■ SUB ADDRESS A and B ASSYS

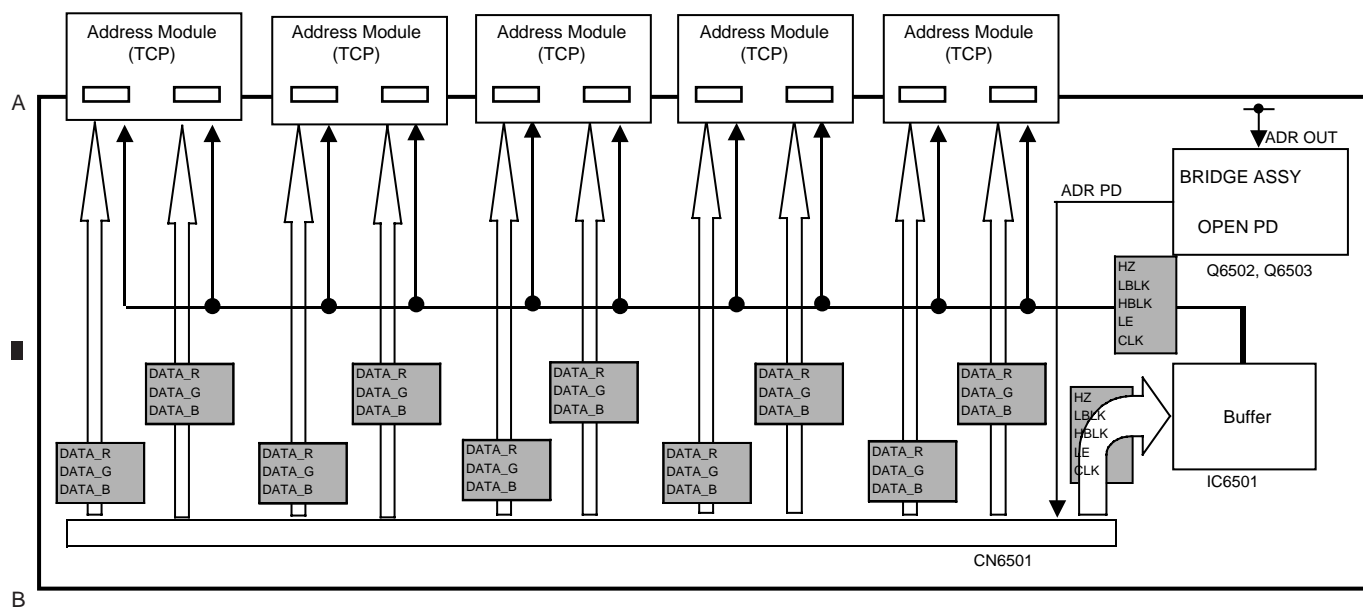


D

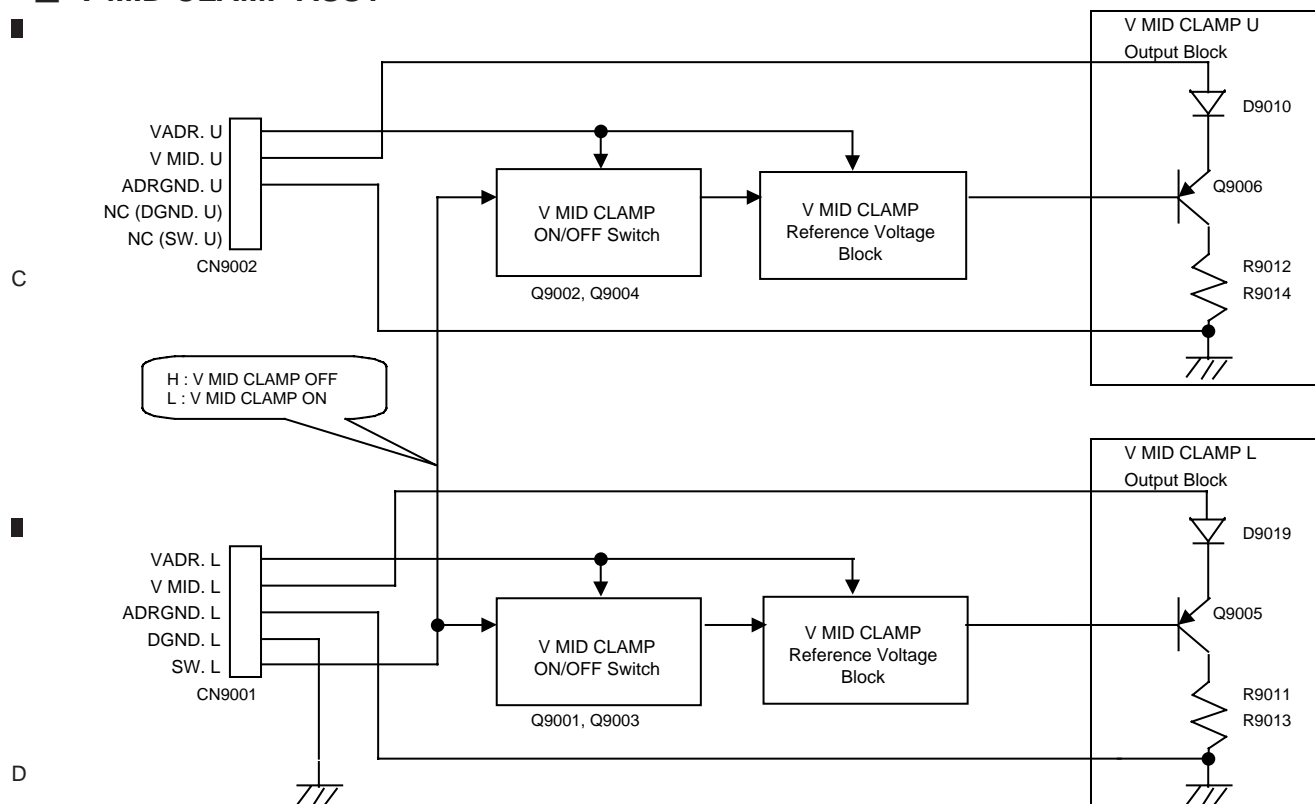
ADR RESONANCE ASSY



■ ADR CONNECT A, B, C and D ASSYS



■ V MID CLAMP ASSY



AUDIO AMP and SP TERMINAL ASSYS

AUDIO AMP ASSY

IC5202 (CXA2021S)

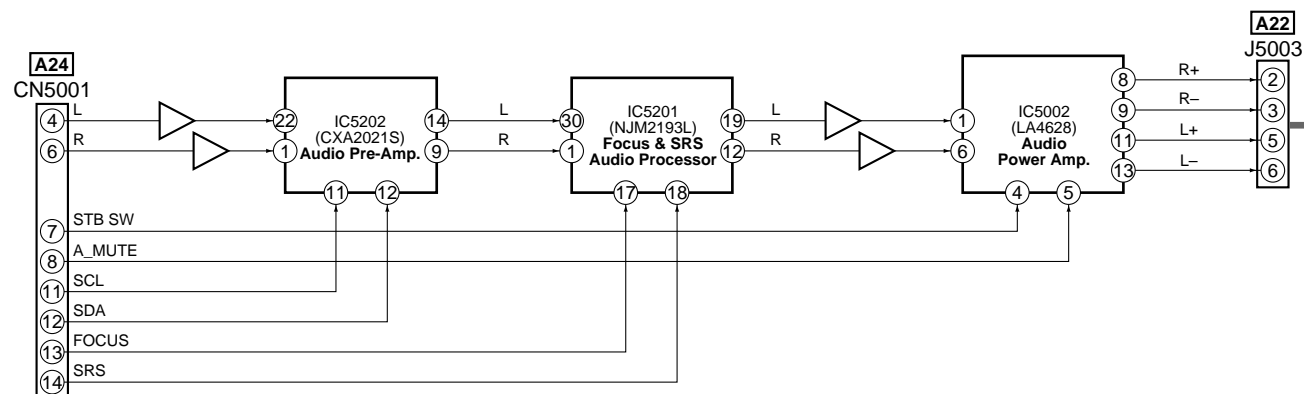
No.	Voltage (V)	No.	Voltage (V)
1	5.9	12	5.25
2	0	13	1.73
3	5.95	14	5.95
4	5.94	15	5.92
5	5.98	16	5.91
6	6.02	17	5.93
7	6.02	18	5.92
8	7.38	19	5.94
9	5.95	20	5.95
10	1.55	21	11.91
11	5.24	22	5.9

IC5201 (NJM2193L)

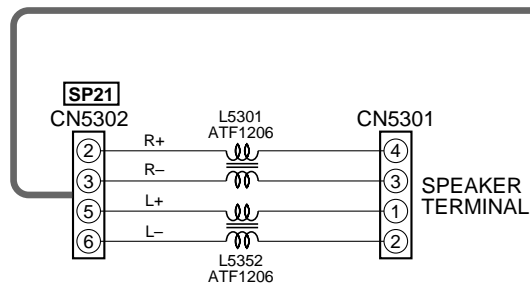
No.	Voltage (V)	No.	Voltage (V)
1	5.95	16	11.91
2	5.94	17	0
3	5.84	18	0
4	5.98	19	5.98
5	5.98	20	5.91
6	5.97	21	5.97
7	5.98	22	5.98
8	5.98	23	5.98
9	5.98	24	5.98
10	5.97	25	5.97
11	5.97	26	5.98
12	5.98	27	5.98
13	5.96	28	5.84
14	5.98	29	5.94
15	0	30	5.95

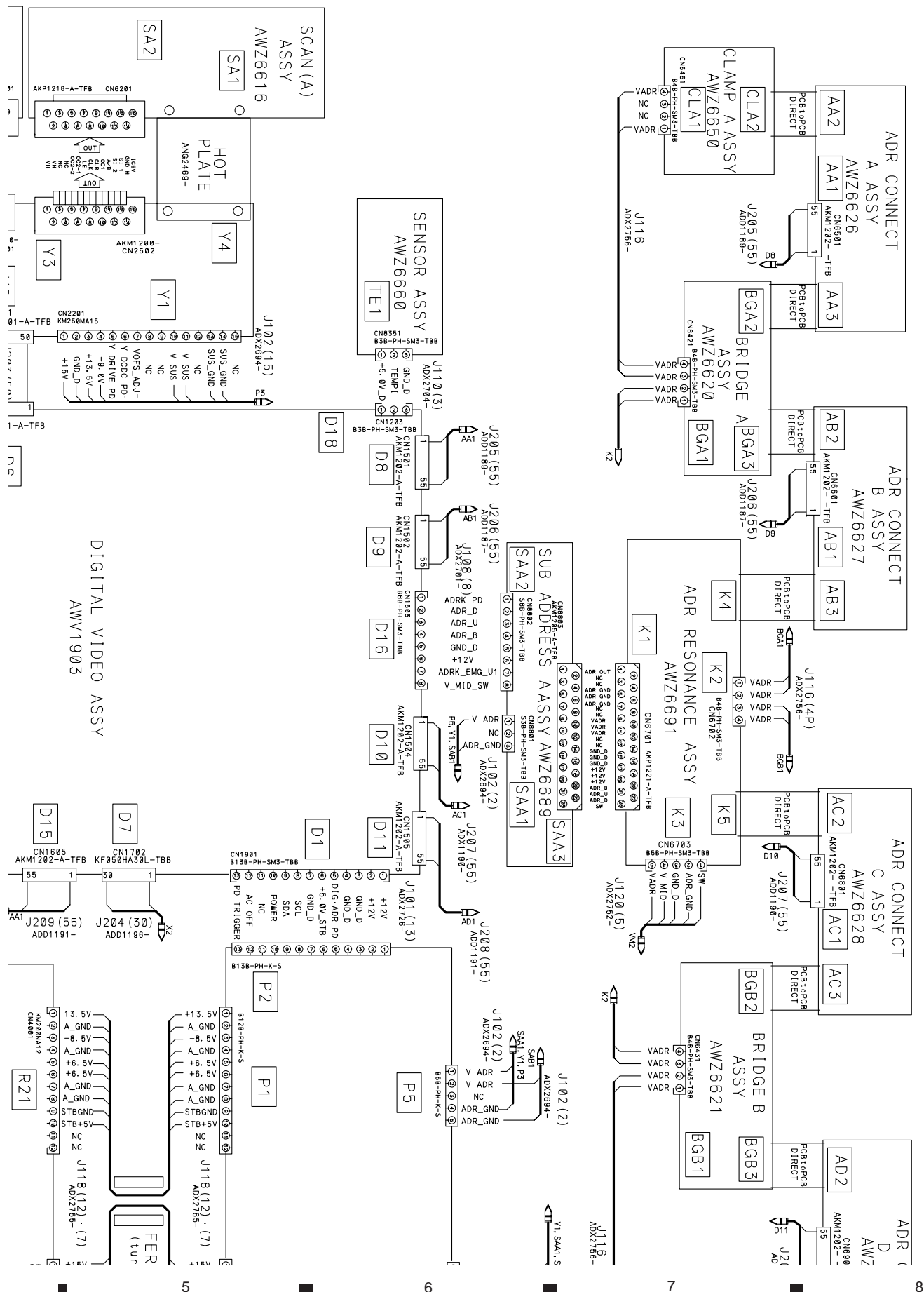
IC5002 (LA4628)

No.	Voltage (V)
1	1.6
2	7.5
3	0
4	3.37
5	2.29
6	1.6
7	1.97
8	7.3
9	7.3
10	0
11	7.3
12	0
13	7.3
14	15



SP TERMINAL ASSY



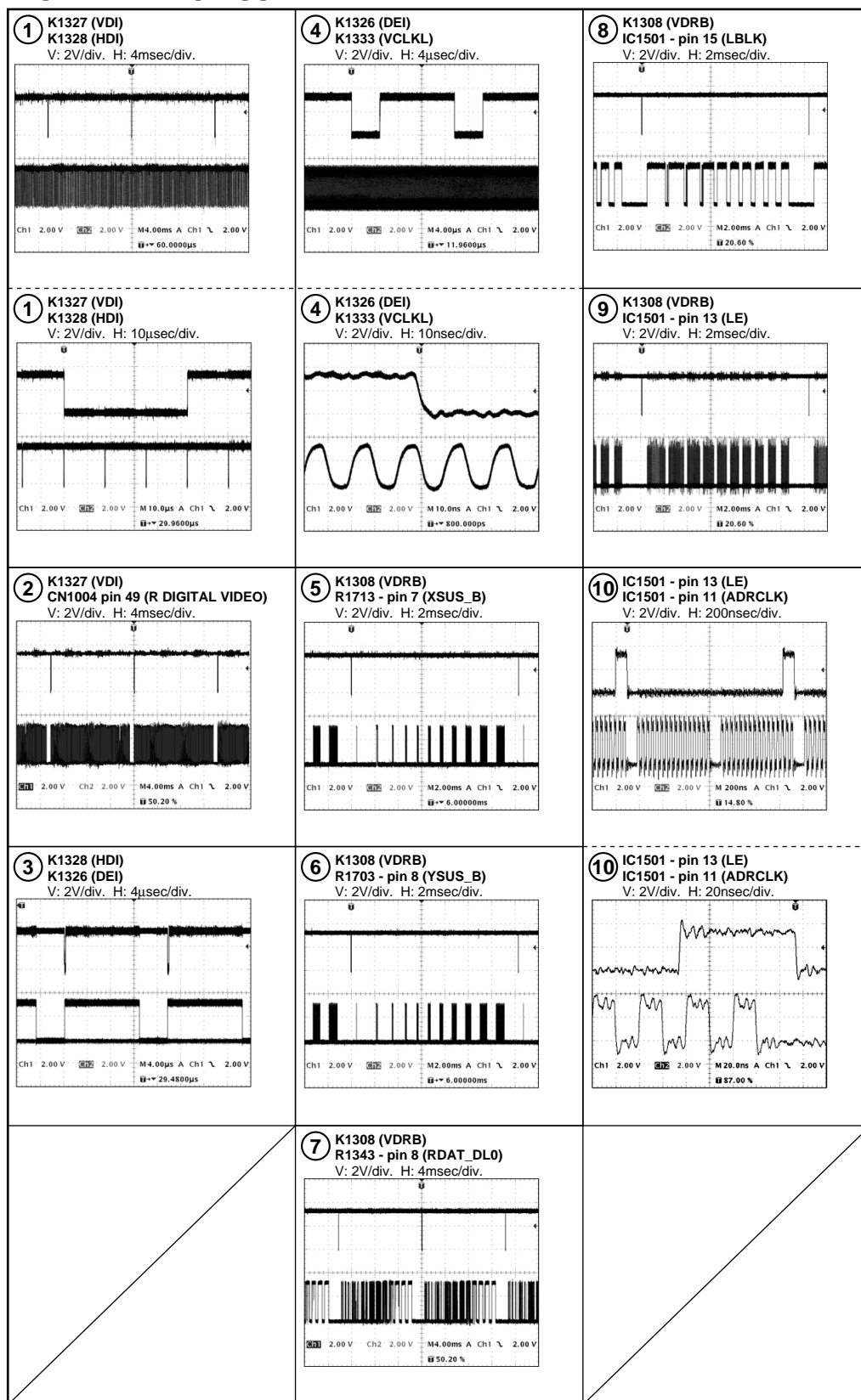




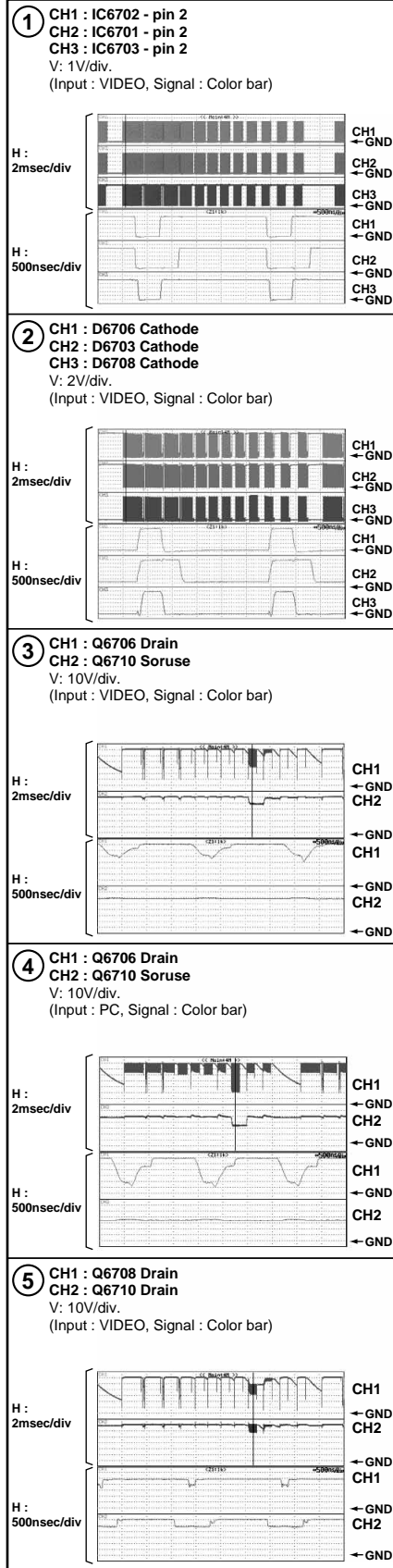
2/2

WAVEFORMS

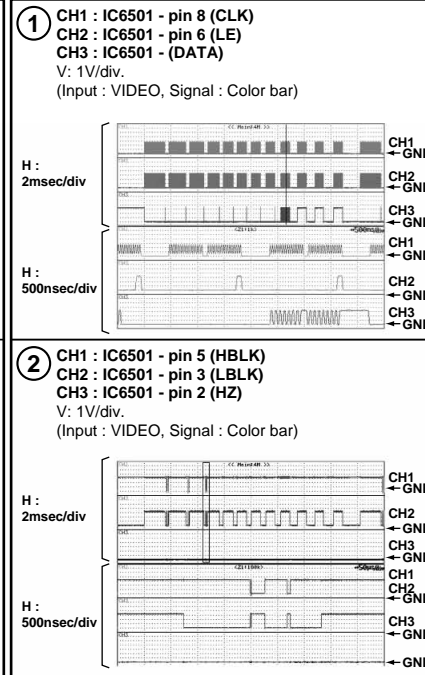
DIGITAL VIDEO ASSY



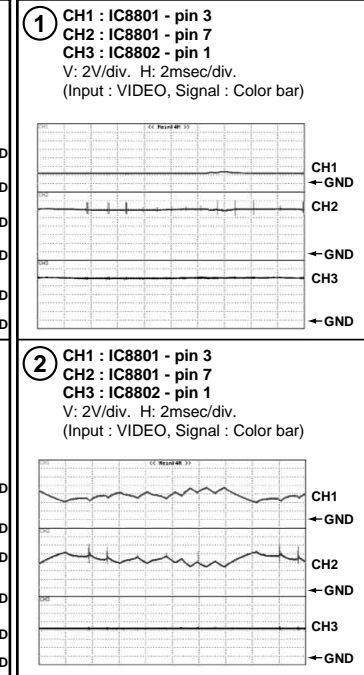
ADR RESONANCE ASSY



ADR CONNECT A - D ASSY



SUB ADDRESS A, B ASSY



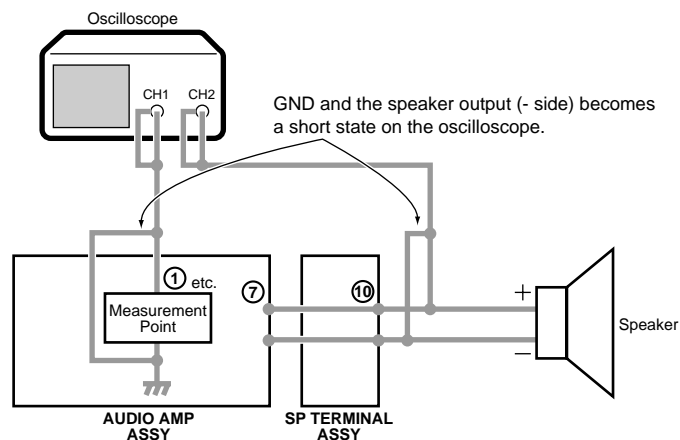
AUDIO SECTION

Measurement condition

Video Input Signal : FULL FIELD COLOR-BAR
 Audio Input Signal : 1kHz Sine Wave 0.2Vrms
 Volume : 60 (MAX)
 AV Selection : STANDARD
 SRS : OFF
 FOCUS : OFF

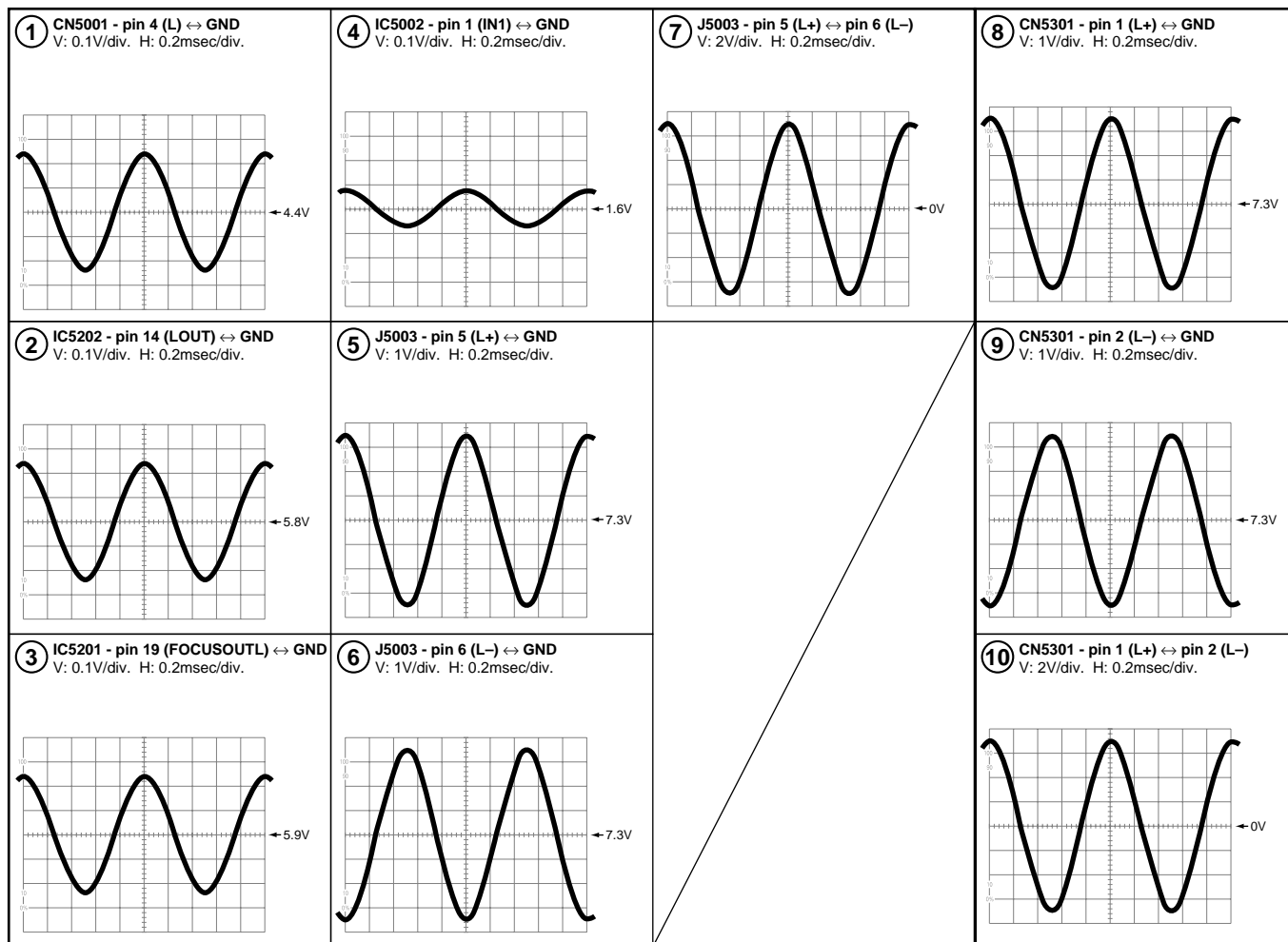
Caution in the measurement

Audio Power Amp. (IC5002: LA4628) on the AUDIO AMP Assy is BTL system, and, as for the power amplifier and the speaker output, \pm poles becomes hot for the ground. Therefore be careful not to connect the measuring instrument as the following figures. (Power amplifier may be damaged.)



Wrong connection example

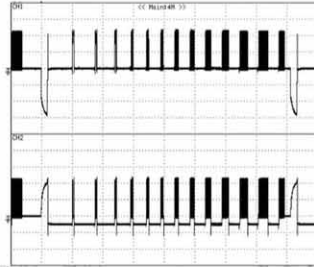
AUDIO AMP ASSY



Sustain Waveforms

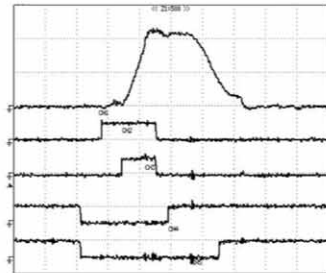
● Sustain Waveform (1 field)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 2msec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 2msec/div.



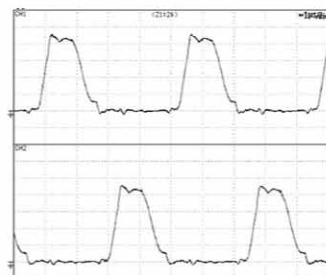
● Sustain Waveform

ch 1 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 500nsec/div.
ch 2 : K2028 (YSUS_U) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.
ch 3 : K2027 (YSUS_B) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.
ch 4 : K2029 (YSUS_D) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.
ch 5 : K2037 (YSUS_G) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.



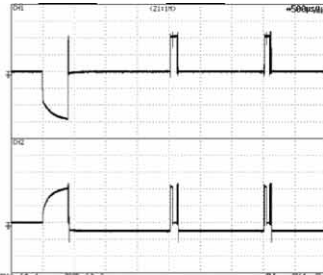
● Sustain Waveform (1 field)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 50V/div. H: 1μsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 50V/div. H: 1μsec/div.



● Sustain Waveform (1 sub-field)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 500μsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 500μsec/div.



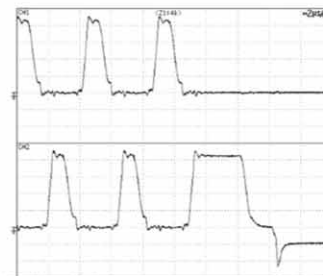
● Sustain Waveform (sustain)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 50V/div. H: 5μsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 50V/div. H: 5μsec/div.



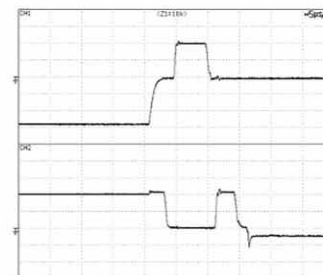
● Sustain Waveform (sustain)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 50V/div. H: 2μsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 50V/div. H: 2μsec/div.



● Sustain Waveform (reset pulse)

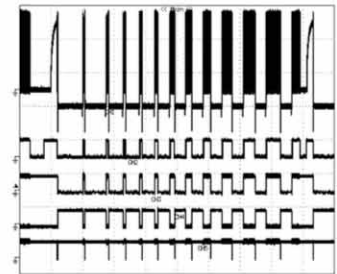
ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 5μsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 5μsec/div.



Drive Pulse Waveforms

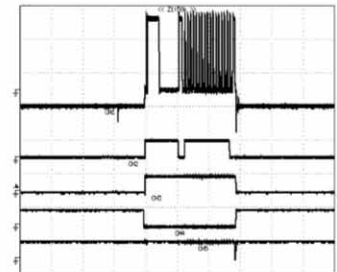
● Y Drive Pulse Control Waveform (1 field)

ch 1 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 2msec/div.
ch 2 : K2039 (YCP_MSK) - K2024 (DGND)
V: 10V/div. H: 2msec/div.
ch 3 : K2040 (YSUS_MSK) - K2024 (DGND)
V: 10V/div. H: 2msec/div.
ch 4 : K2041 (OFS) - K2024 (DGND)
V: 10V/div. H: 2msec/div.
ch 5 : K2053 (SOFT_D) - K2024 (DGND)
V: 10V/div. H: 2msec/div.



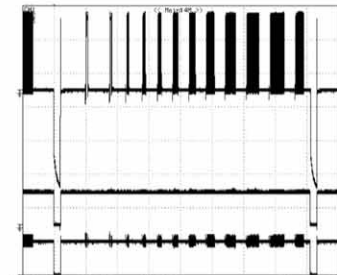
● Y Drive Pulse Control Waveform (1 sub-field)

ch 1 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 50μsec/div.
ch 2 : K2039 (YCP_MSK) - K2024 (DGND)
V: 10V/div. H: 50μsec/div.
ch 3 : K2040 (YSUS_MSK) - K2024 (DGND)
V: 10V/div. H: 50μsec/div.
ch 4 : K2041 (OFS) - K2024 (DGND)
V: 10V/div. H: 50μsec/div.
ch 5 : K2053 (SOFT_D) - K2024 (DGND)
V: 10V/div. H: 50μsec/div.



● X Drive Pulse Control Waveform (1 field)

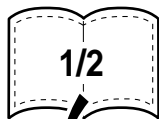
ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 2msec/div.
ch 2 : K3017 (XCP_MSK) - K3005 (DGND)
V: 10V/div. H: 2msec/div.
ch 3 : K3015 (XSUS_MSK) - K3005 (DGND)
V: 5V/div. H: 2msec/div.



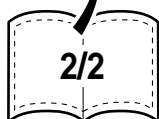
SCAN (A) ASSY

A

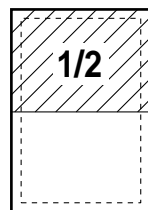
Large size
SCH diagram



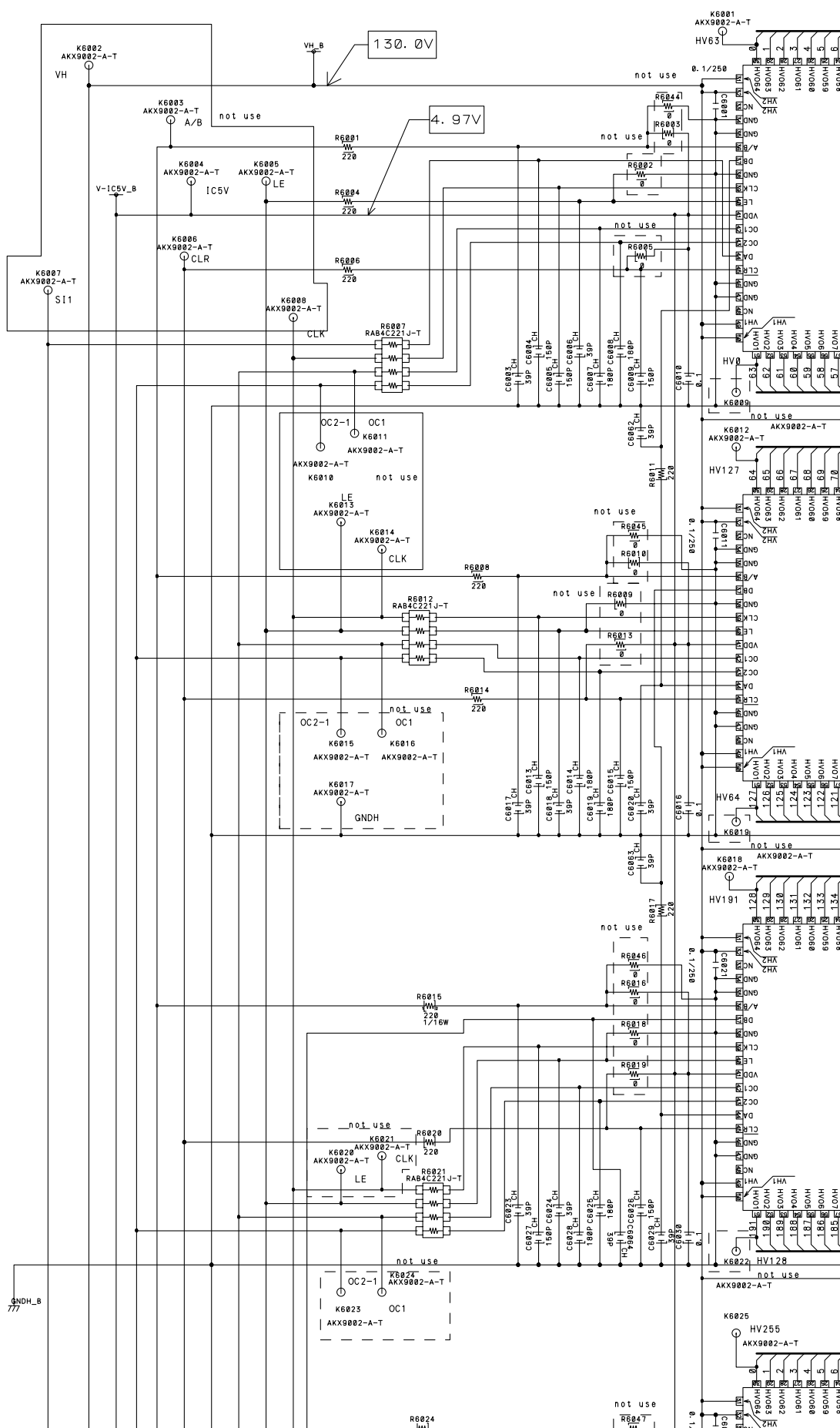
B

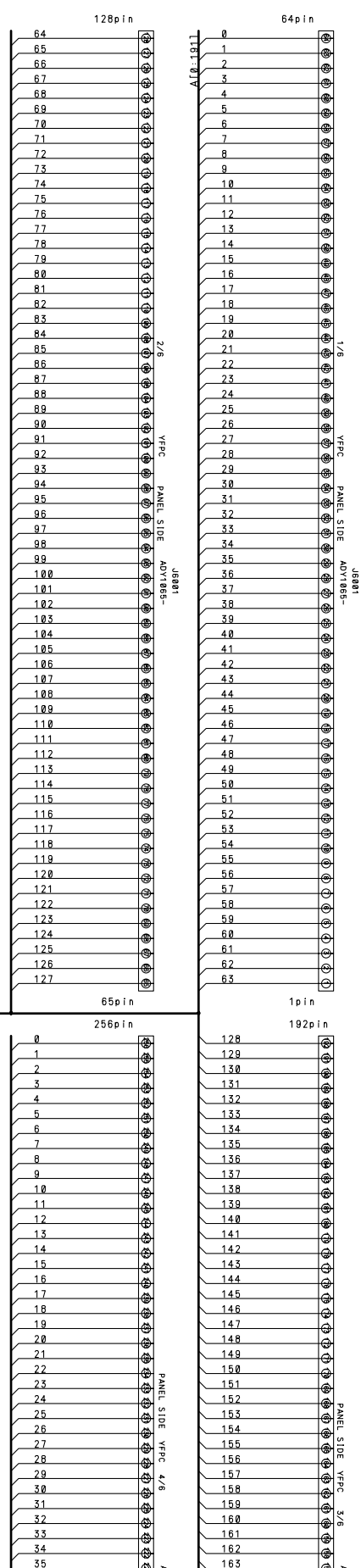
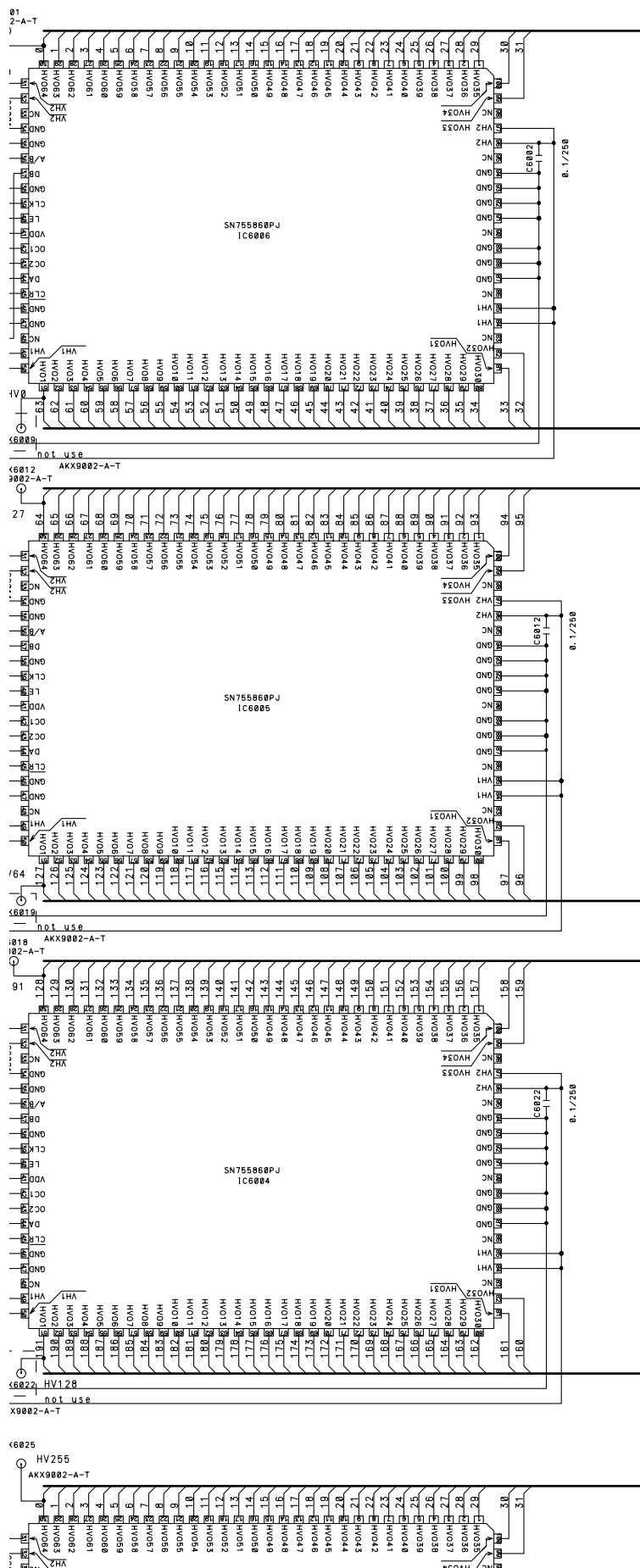


C



D





A

B

C

D

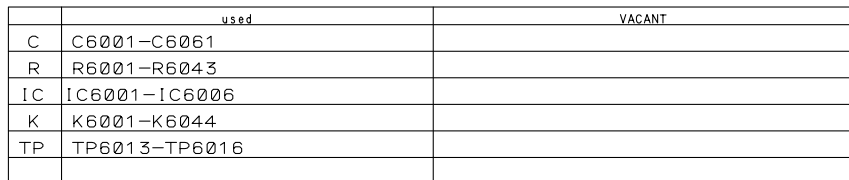
B

1/2

2/2

2/2

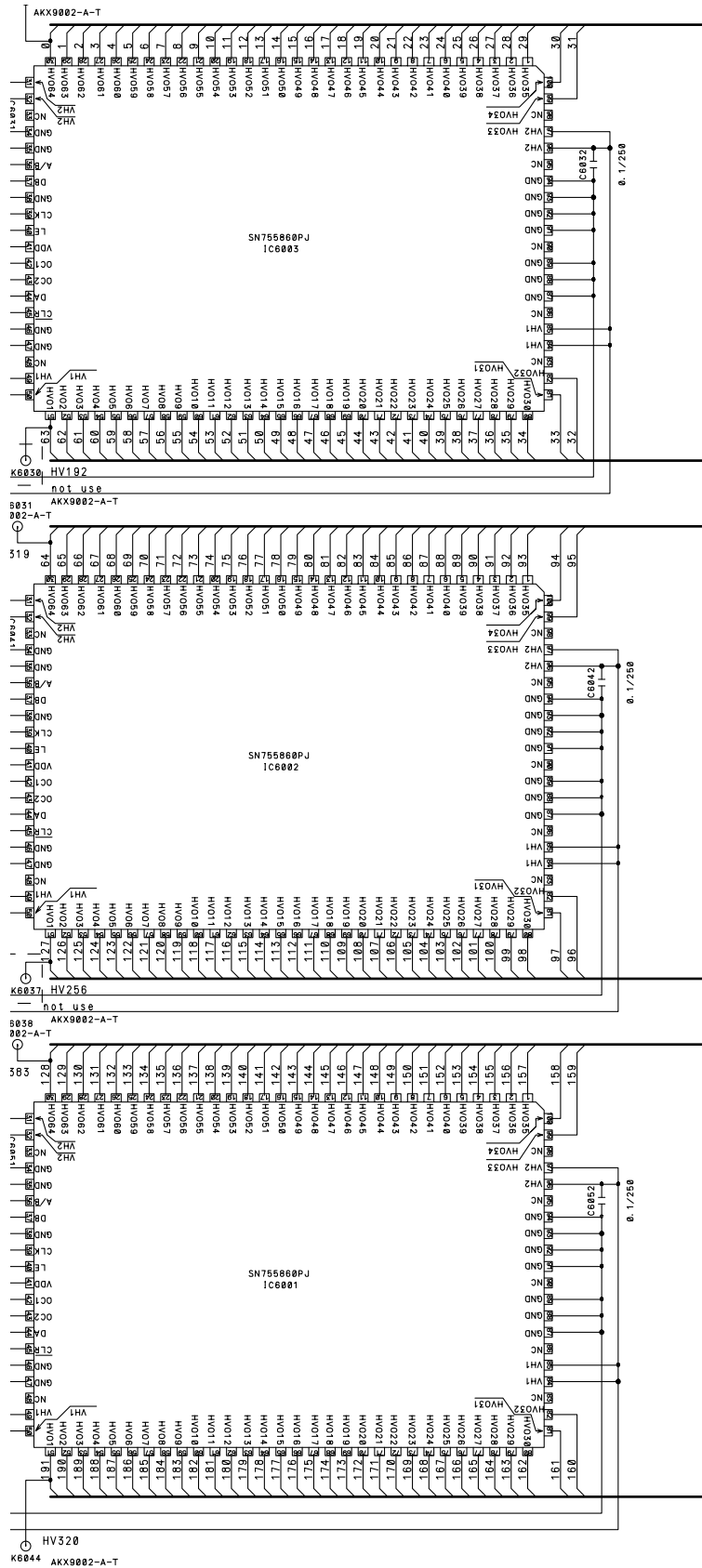
D



5

6

7

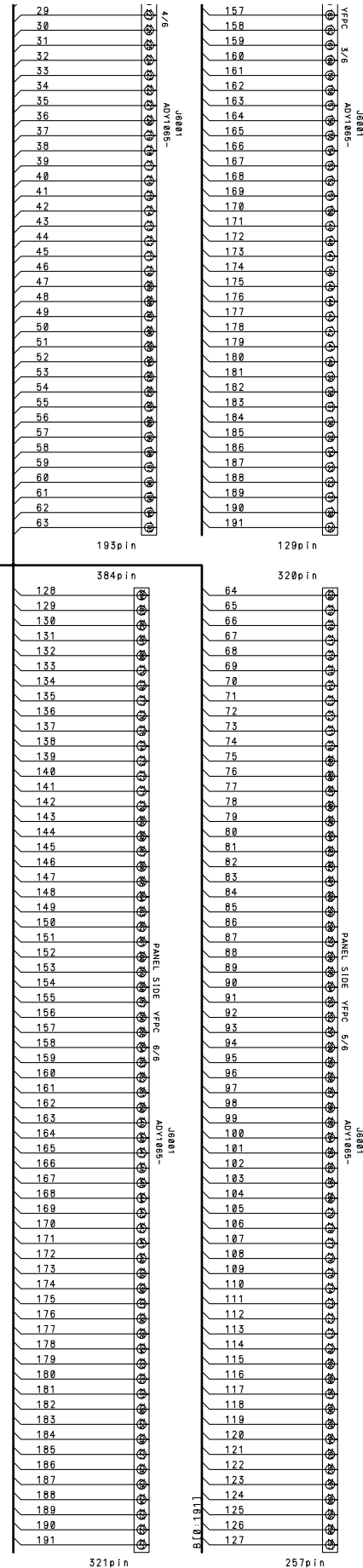


5

6

7

8



A

B

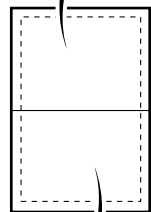
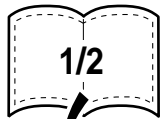
C

D

SCAN (B) ASSY

A

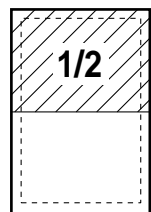
Large size
SCH diagram



B

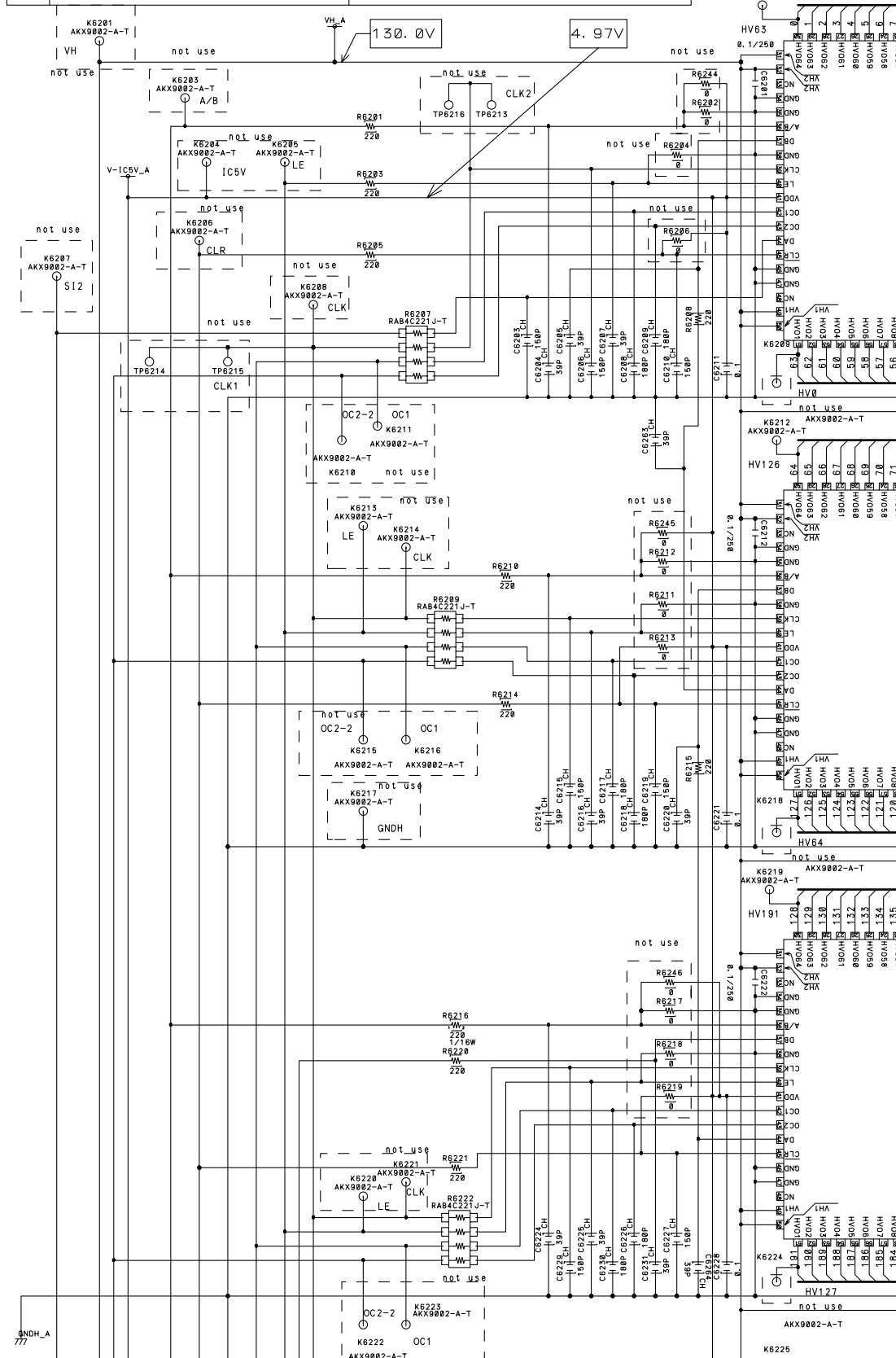


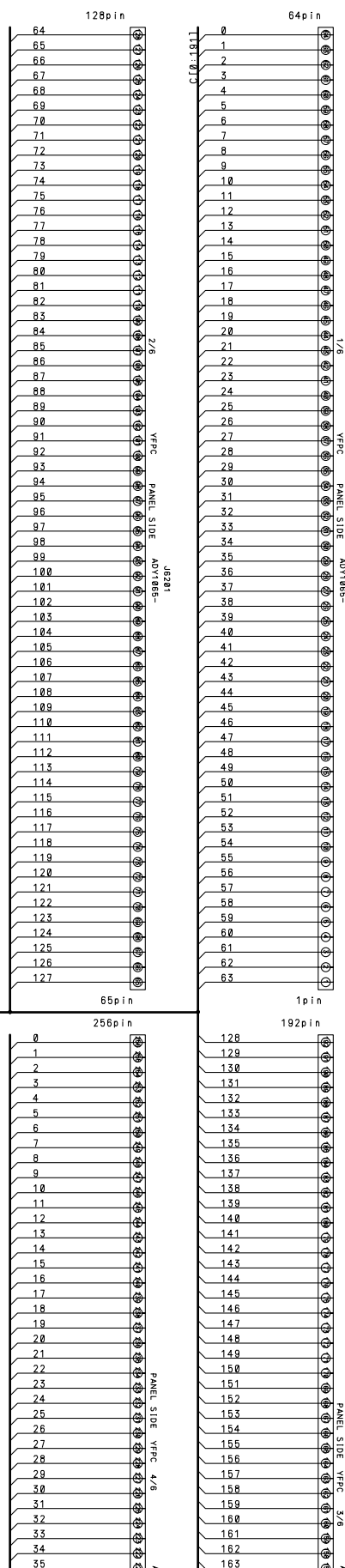
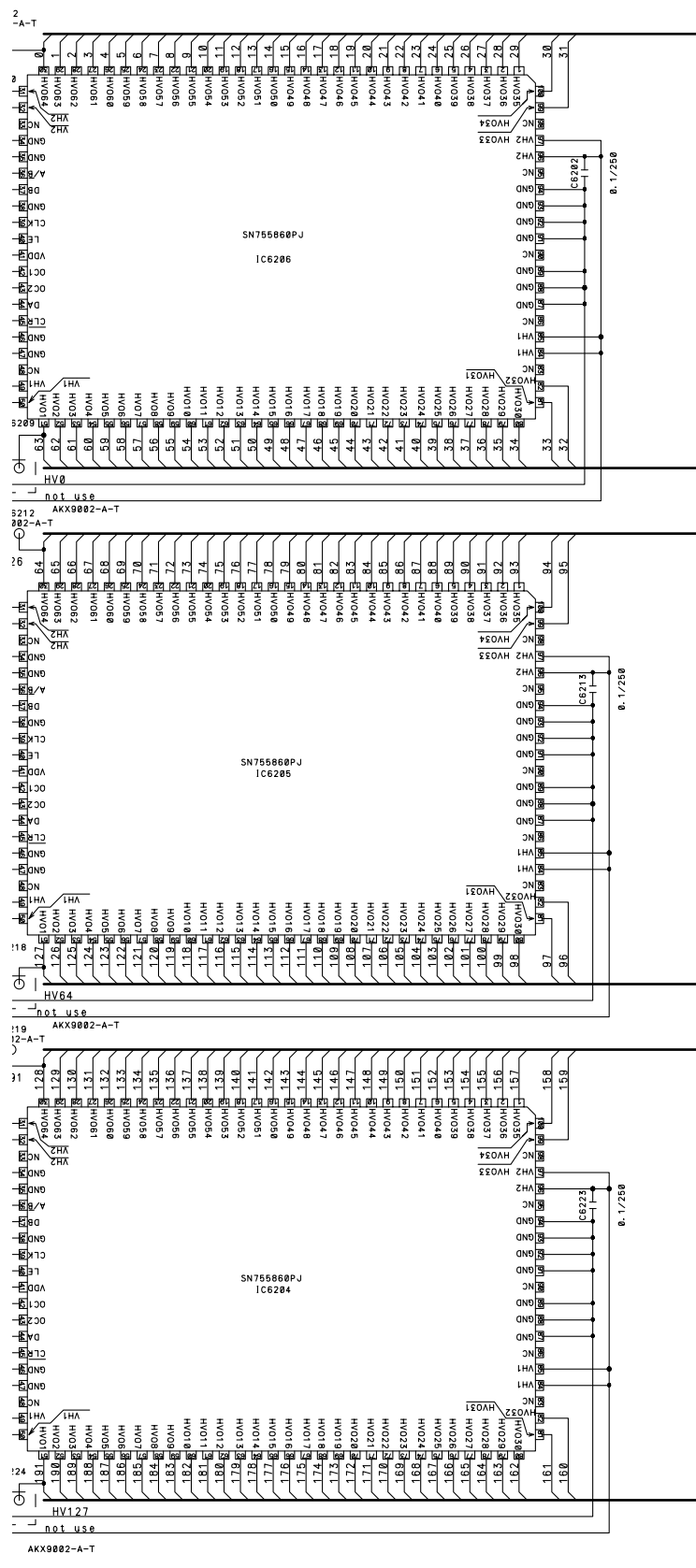
C



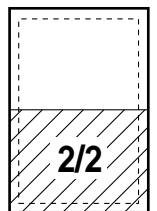
D

	used	VACANT
C	C6201-C6266	
R	R6201-R6249	
IC	IC6201-IC6206	
K	K6201-K6244	
TP	TP6213-TP6216	

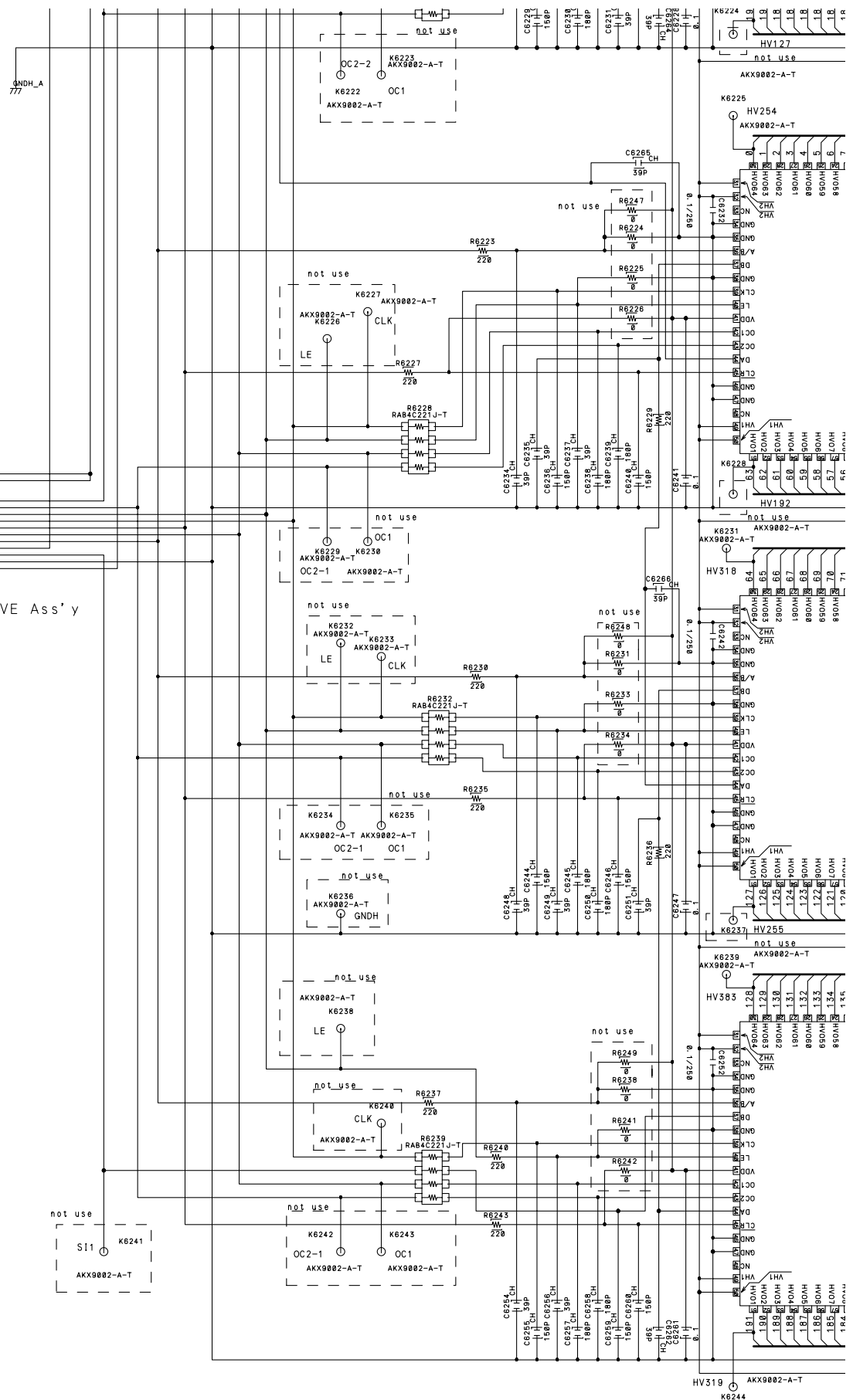


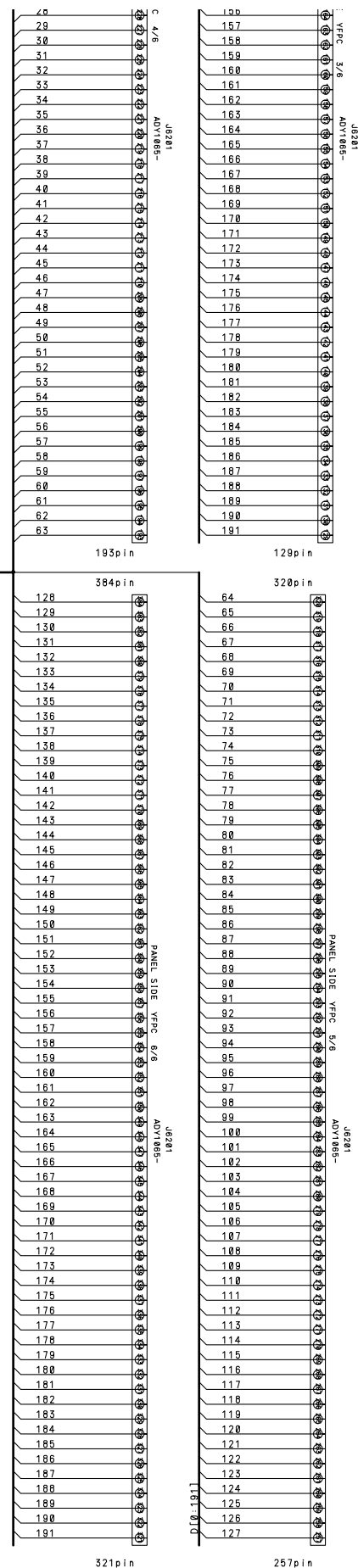
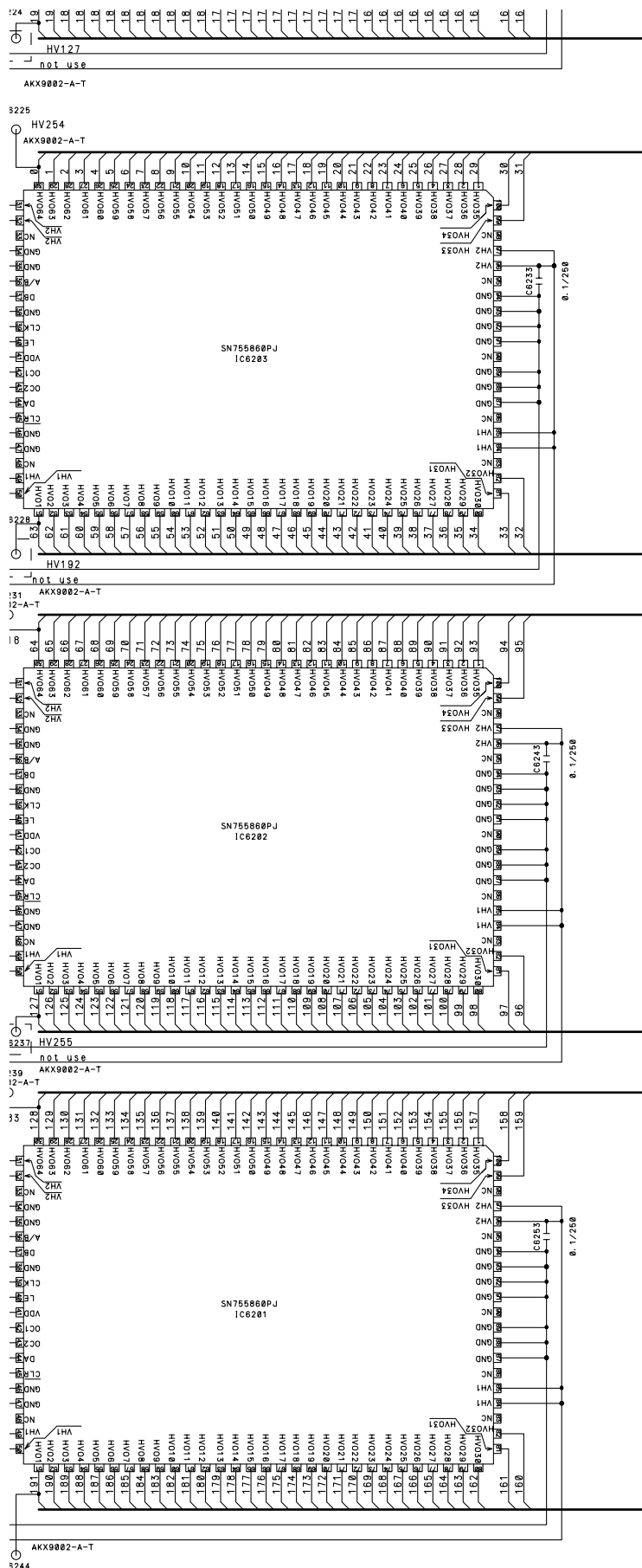


D



FROM Y_DRIVE Ass'y





A

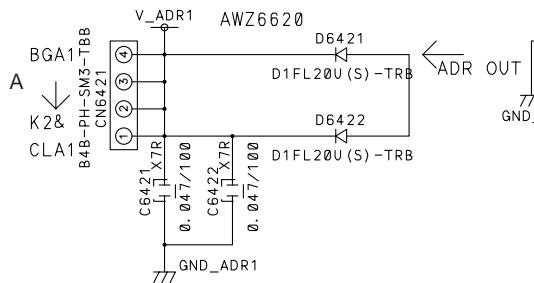
B

C

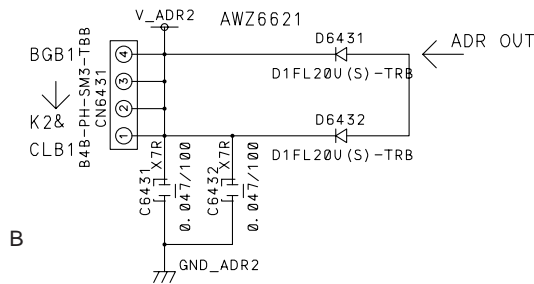
D

X CONNECTOR (A), (B), BRIDGE A - D and CLAMP A - D ASSYS

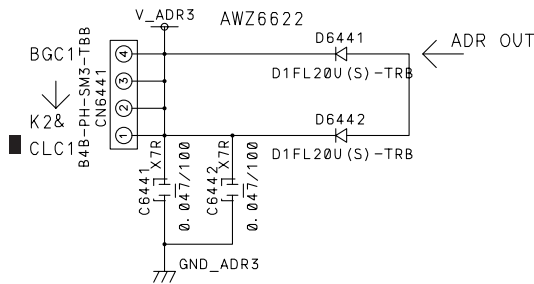
BRIDGE A ASSY



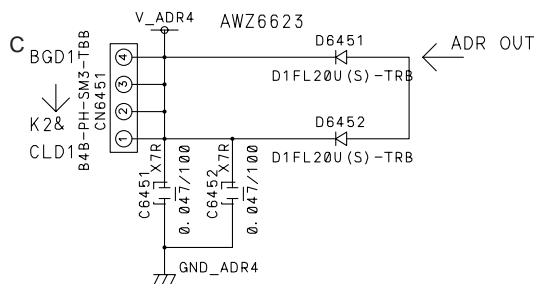
BRIDGE B ASSY



BRIDGE C ASSY



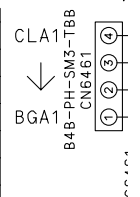
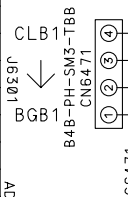
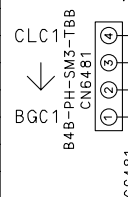
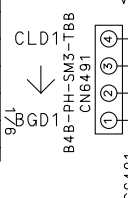
BRIDGE D ASSY

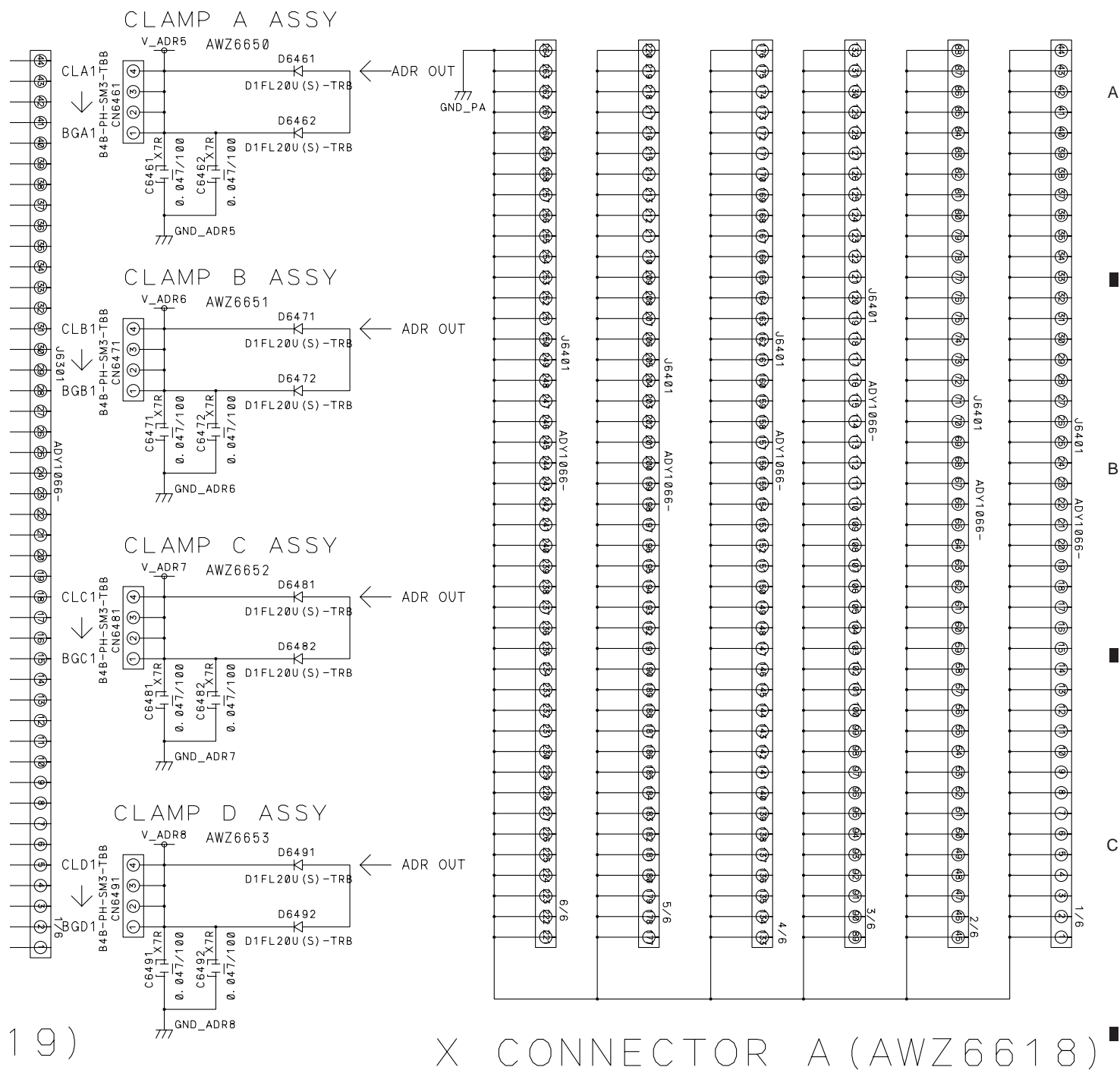


X CONNECTOR B (AWZ6619)

Ass'y	ITEM	USED	VACANT
AWZ6620	C	6421-6422	—
	D	6421-6422	—
	CN	6421	—
AWZ6621	C	6431-6432	—
	D	6431-6432	—
	CN	6431	—
AWZ6622	C	6441-6442	—
	D	6441-6442	—
	CN	6441	—
AWZ6623	C	6451-6452	—
	D	6451-6452	—
	CN	6451	—

Ass'y	ITEM	USED	VACANT
AWZ6650	C	6461-6462	—
	D	6461-6462	—
	CN	6461	—
AWZ6651	C	6471-6472	—
	D	6471-6472	—
	CN	6471	—
AWZ6652	C	6481-6482	—
	D	6481-6482	—
	CN	6481	—
AWZ6653	C	6491-6492	—
	D	6491-6492	—
	CN	6491	—

CL
vCL
vCL
vCL
v



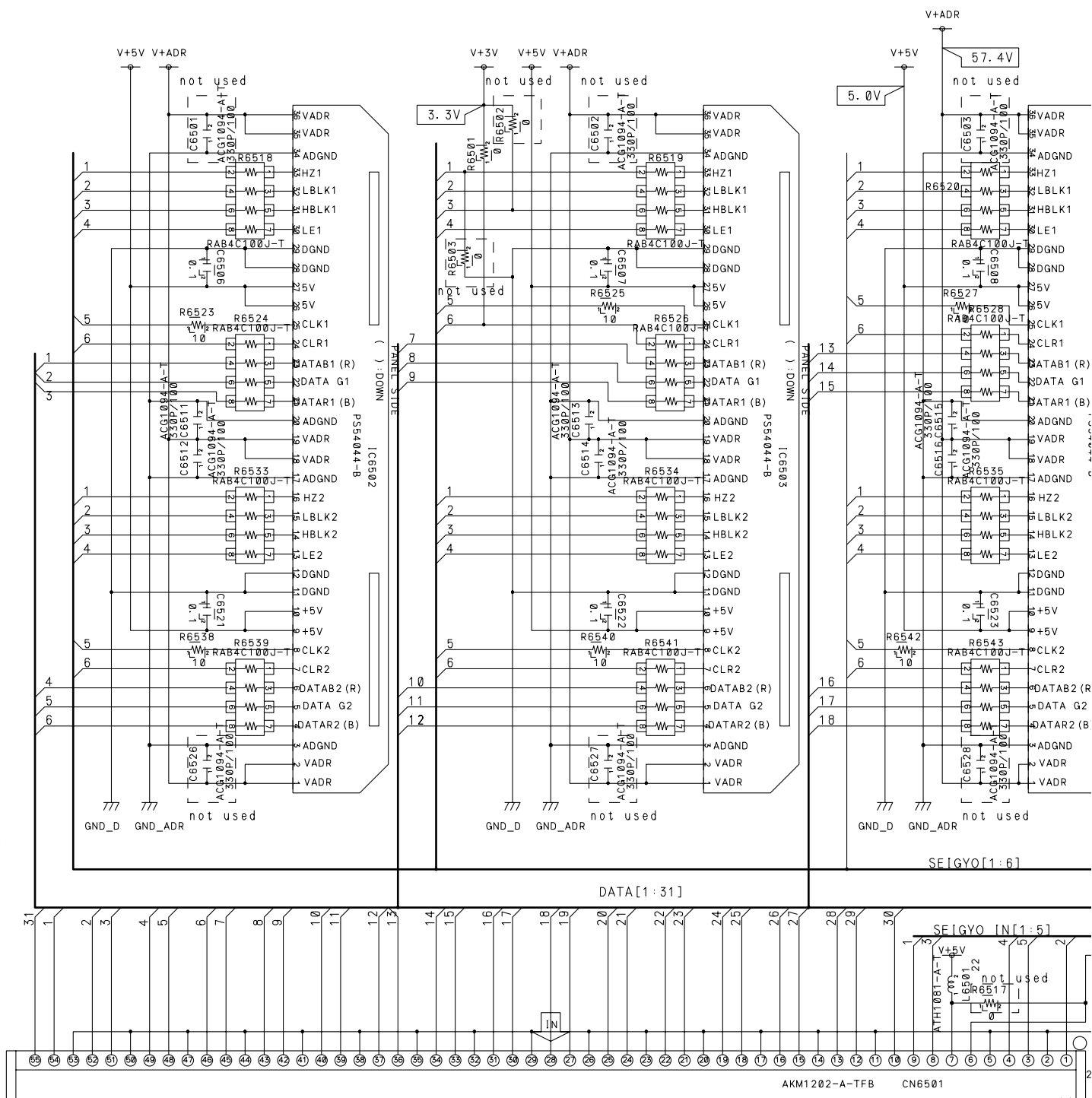
ADR CONNECT A ASSY

A

B

C

D



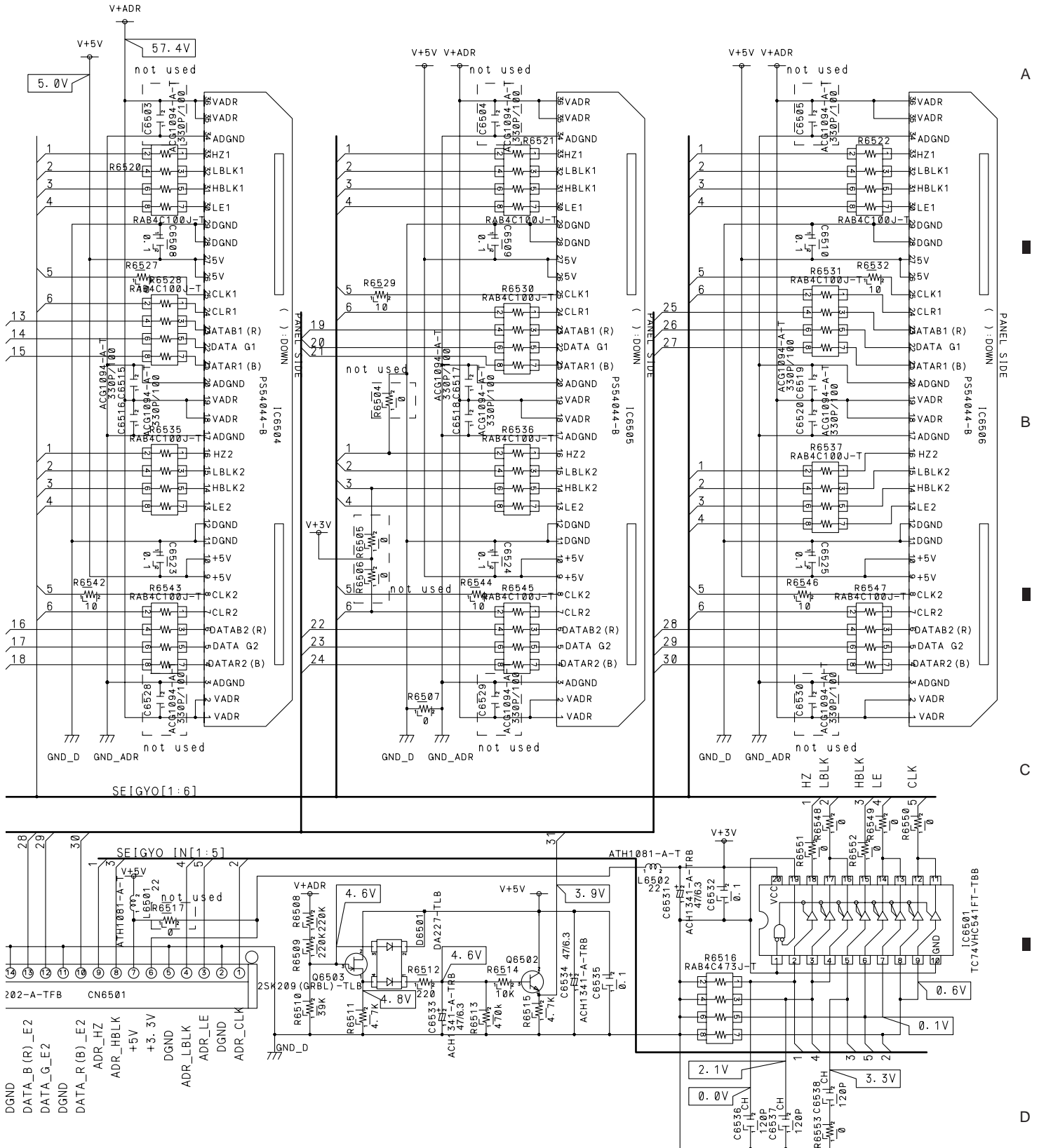
AA1

up (down)

INPUT: VIDEO

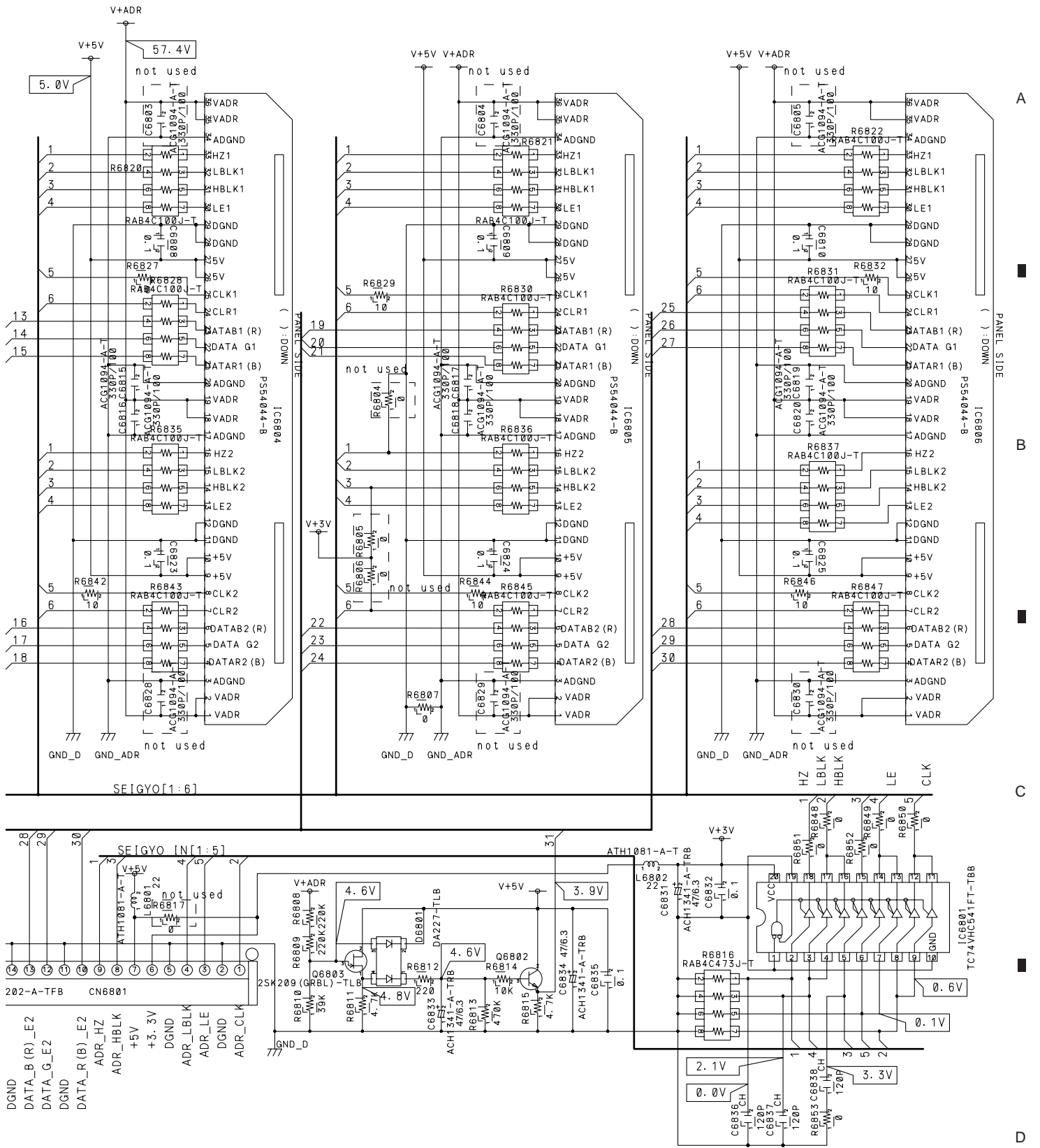
SIGNAL: COLOR BAR

DIGITAL VIDEO Assy
AWV1903-

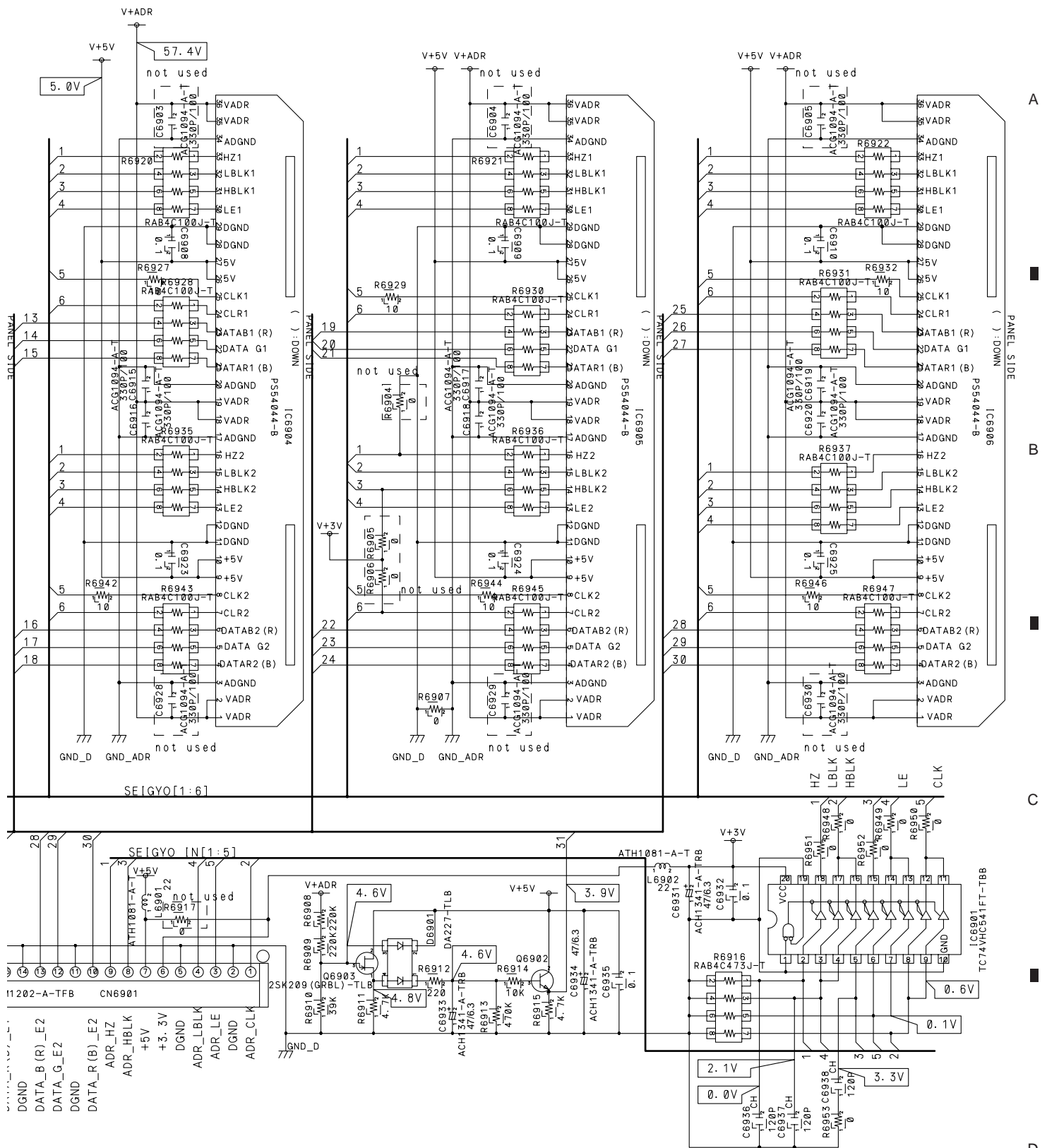


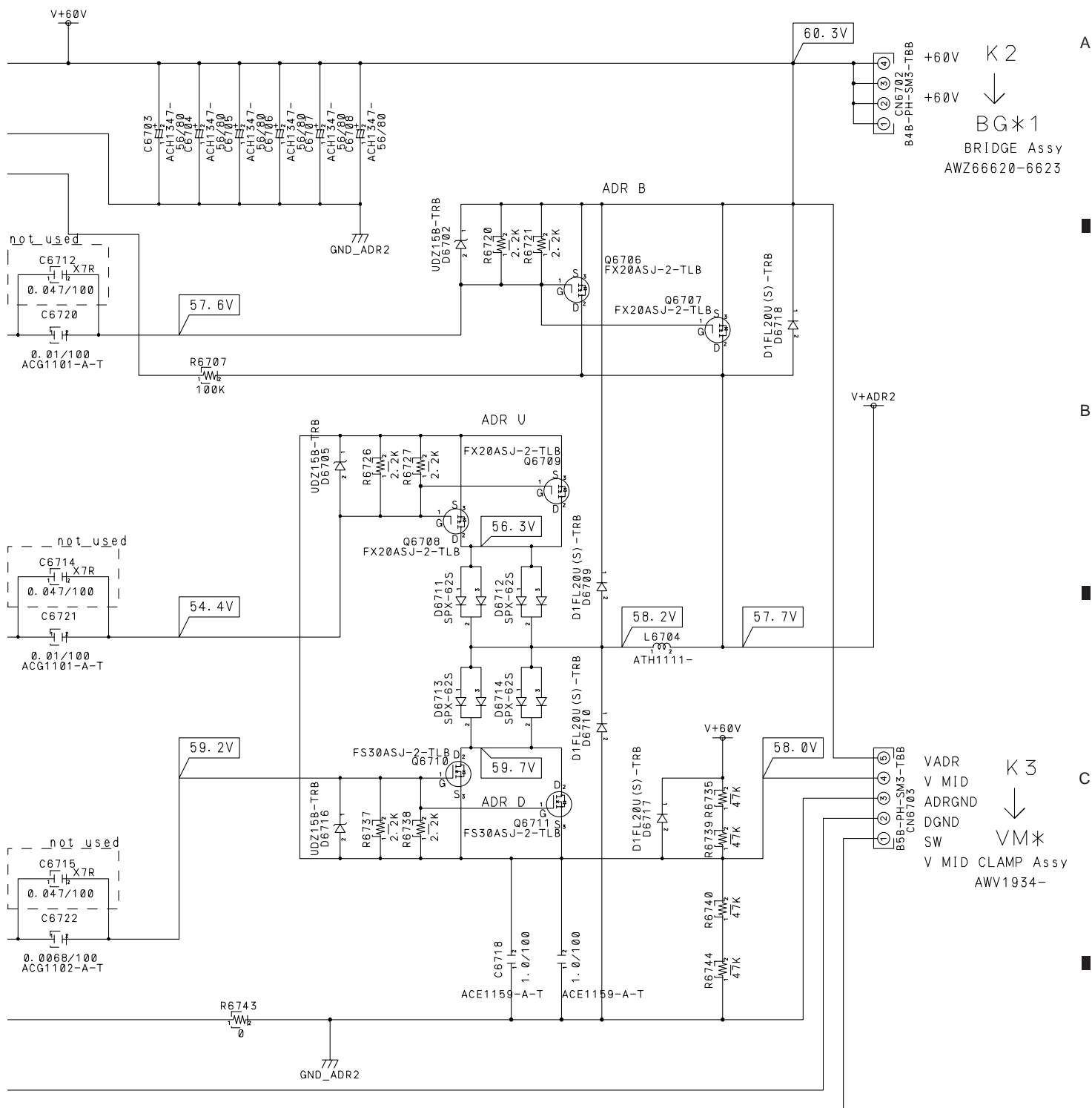
41





A 1





D

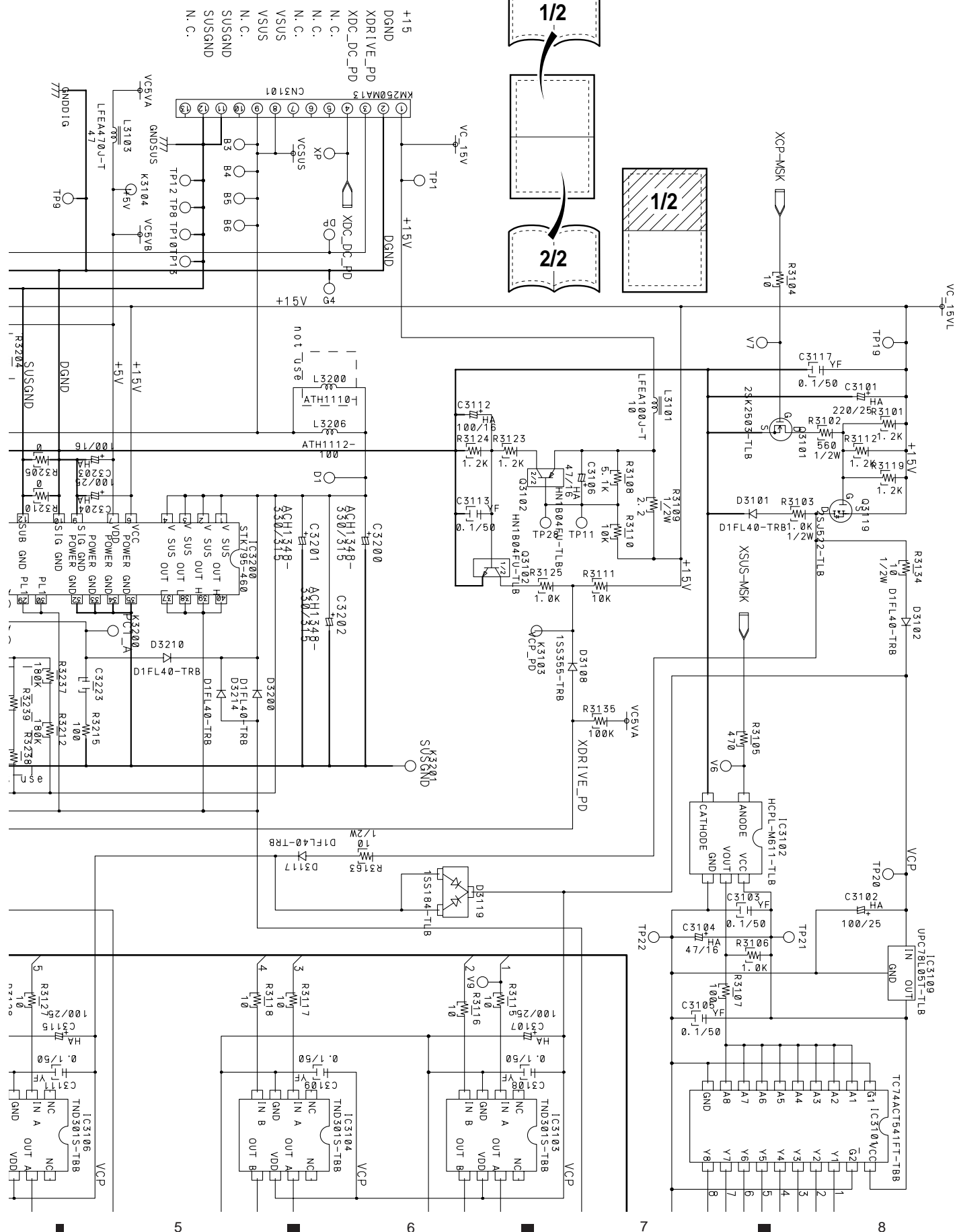
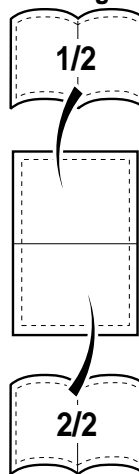


- **X SUS BLOCK**

D



Large size SCH diagram



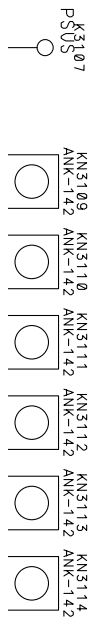
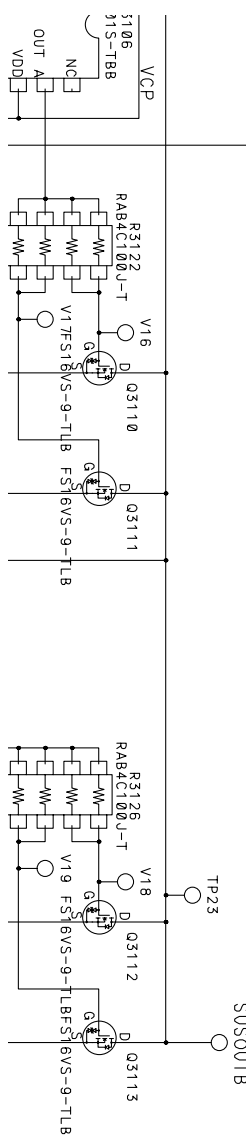
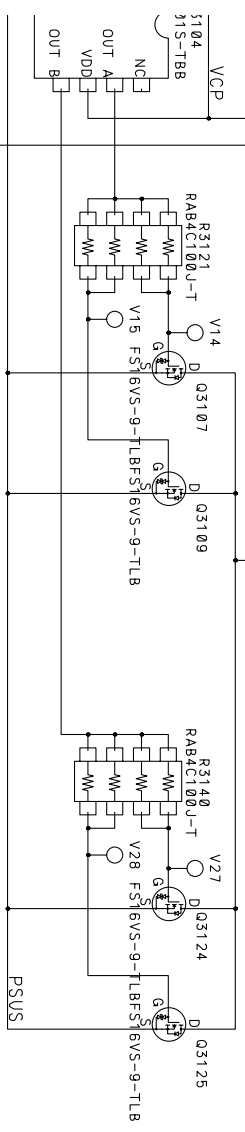
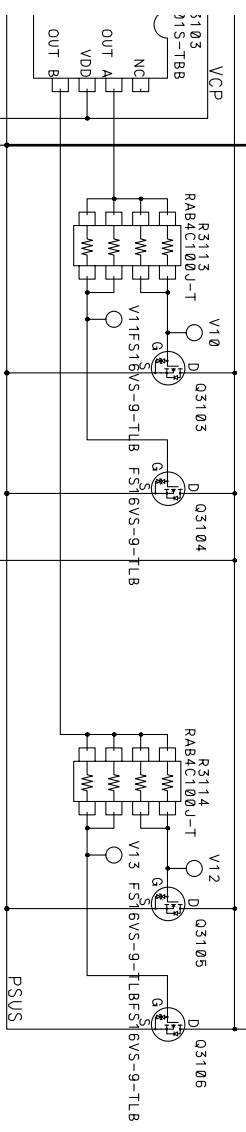
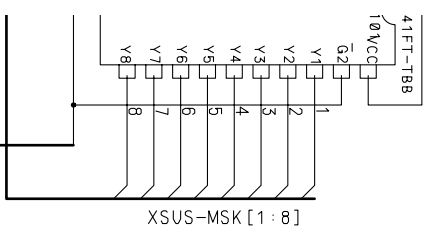


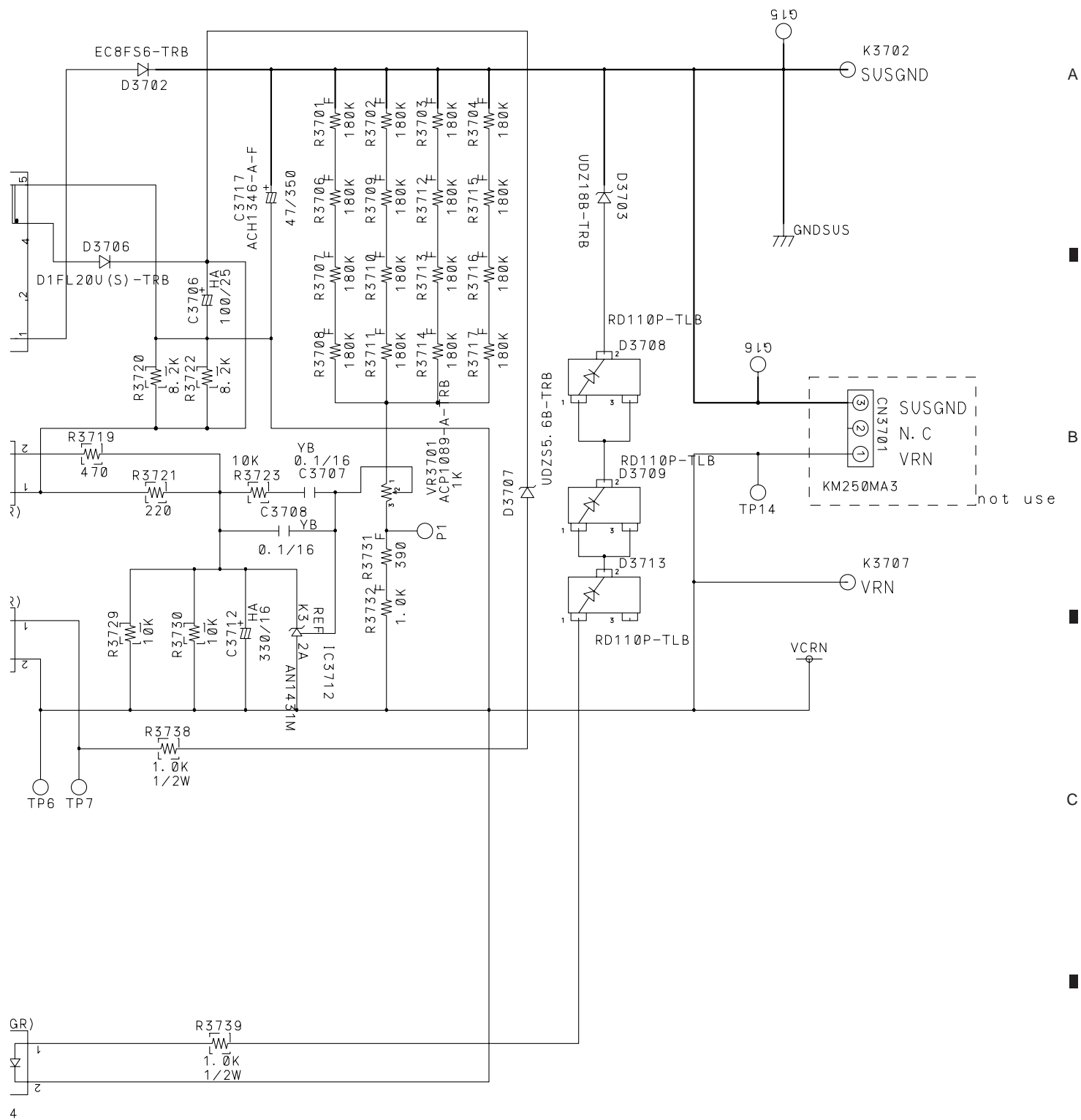
A

B

C

D





Y DRIVE ASSY (1/4)

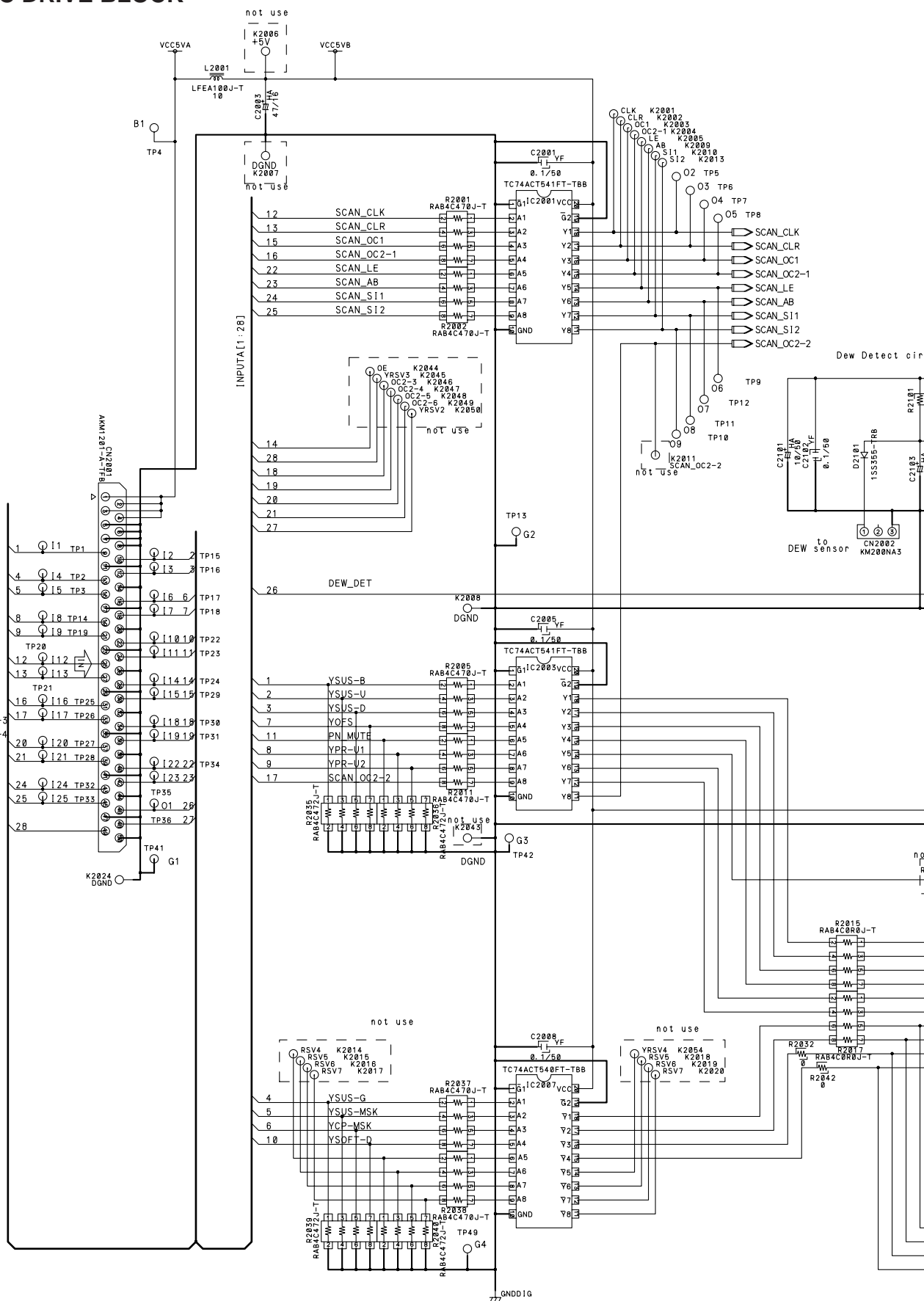
Y LOGIC DRIVE BLOCK

A

B

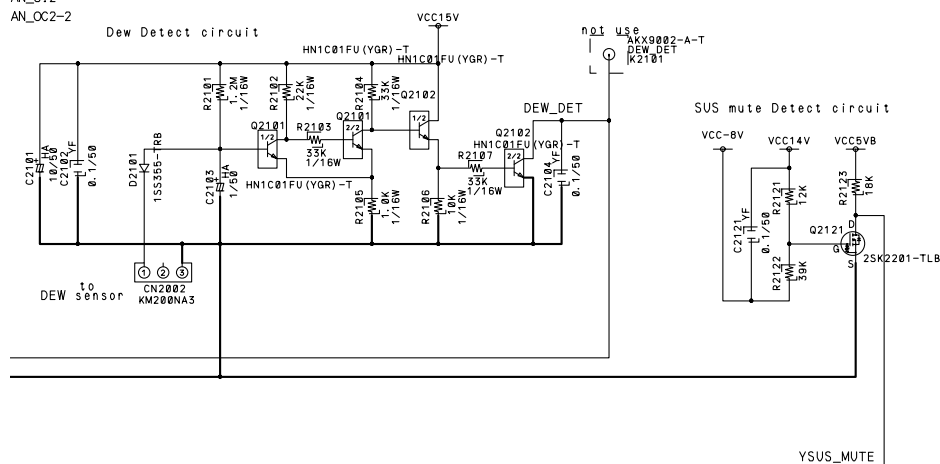
C

D

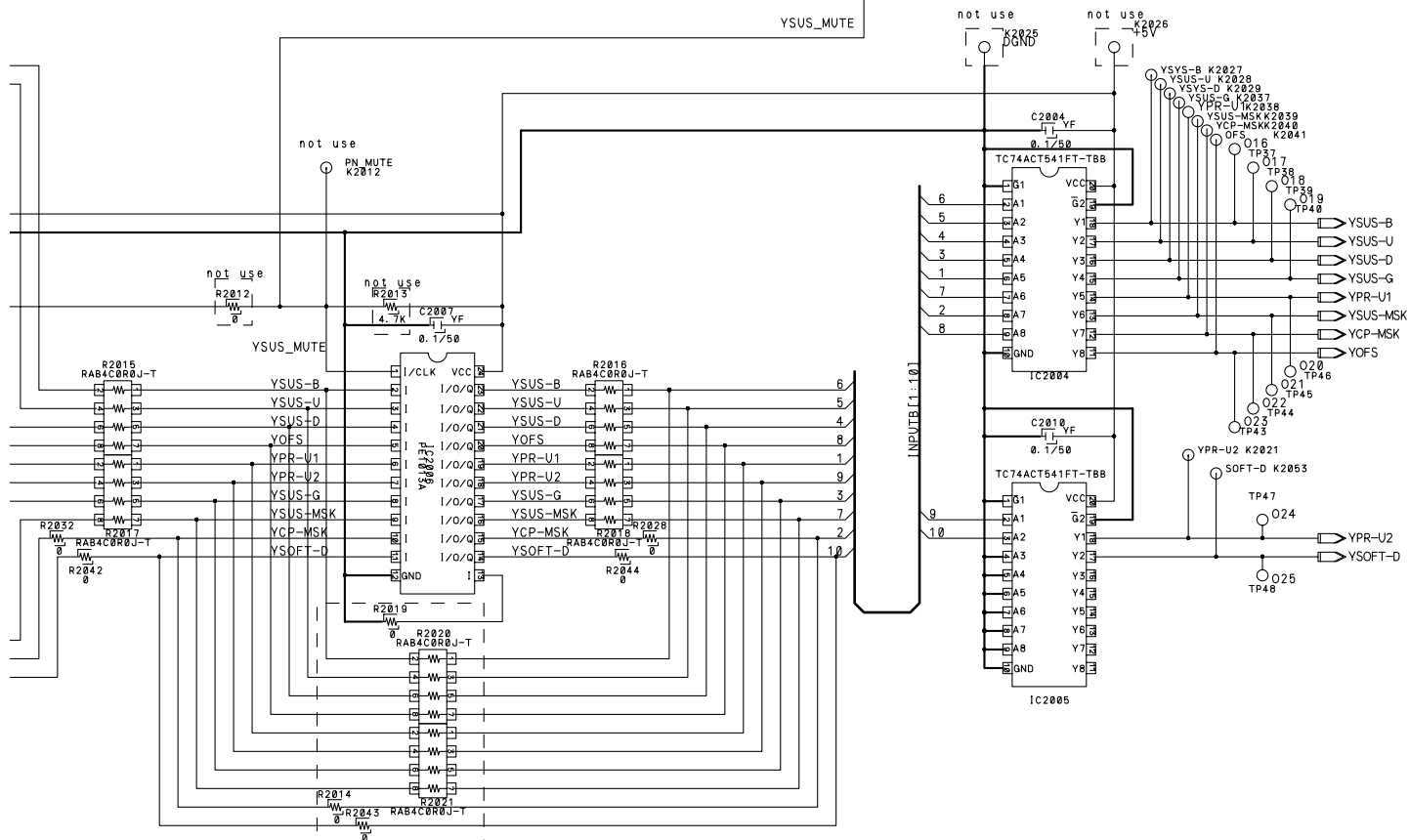


A

AN_CLK
AN_CLR
AN_OC1
AN_OC2-1
AN_LE
AN_AB
AN_S11
AN_S12
AN_OC2-2

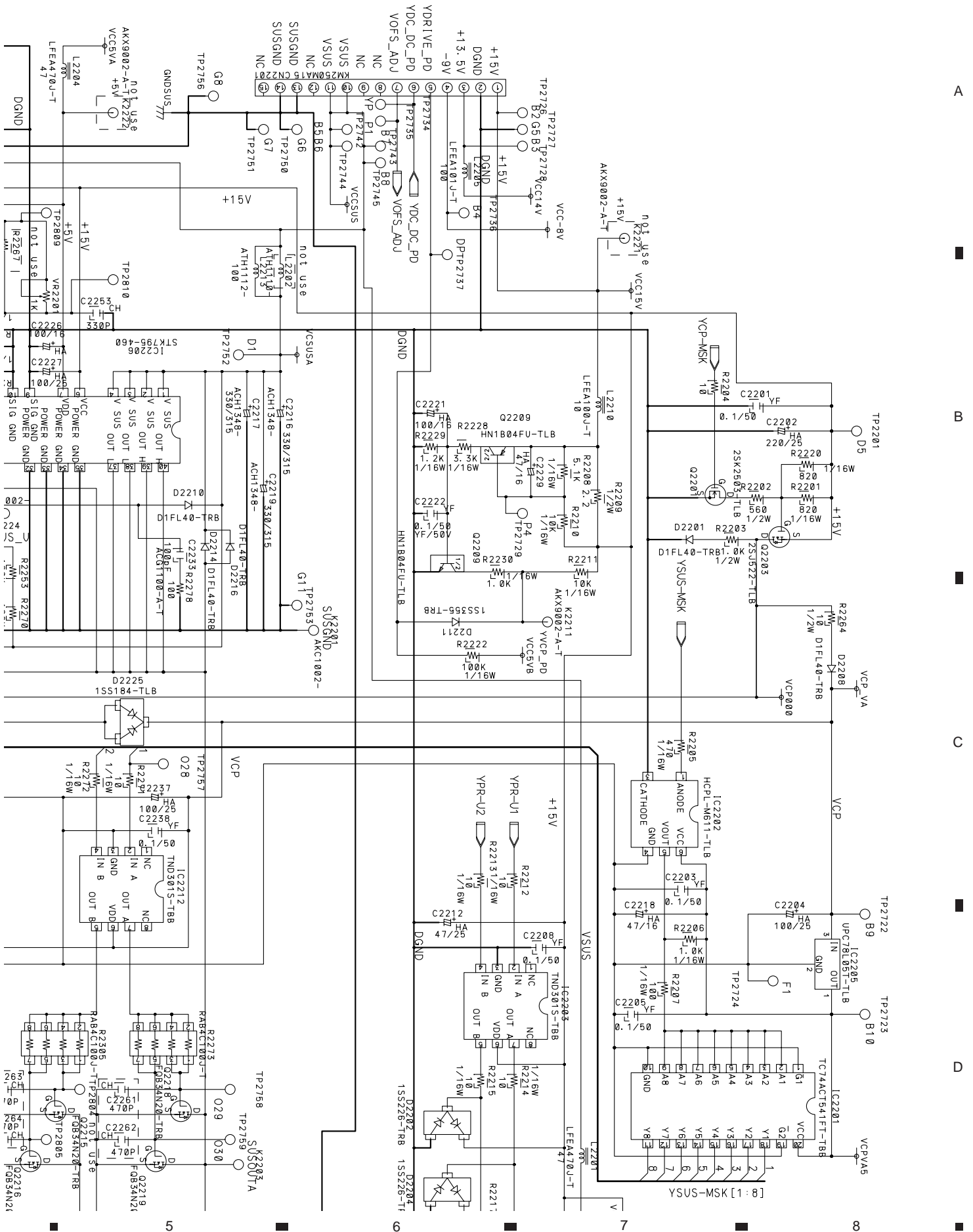


B



C

D



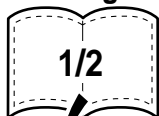
A

B

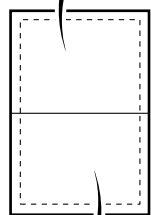
C

D

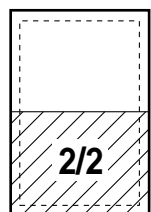
Large size
SCH diagram



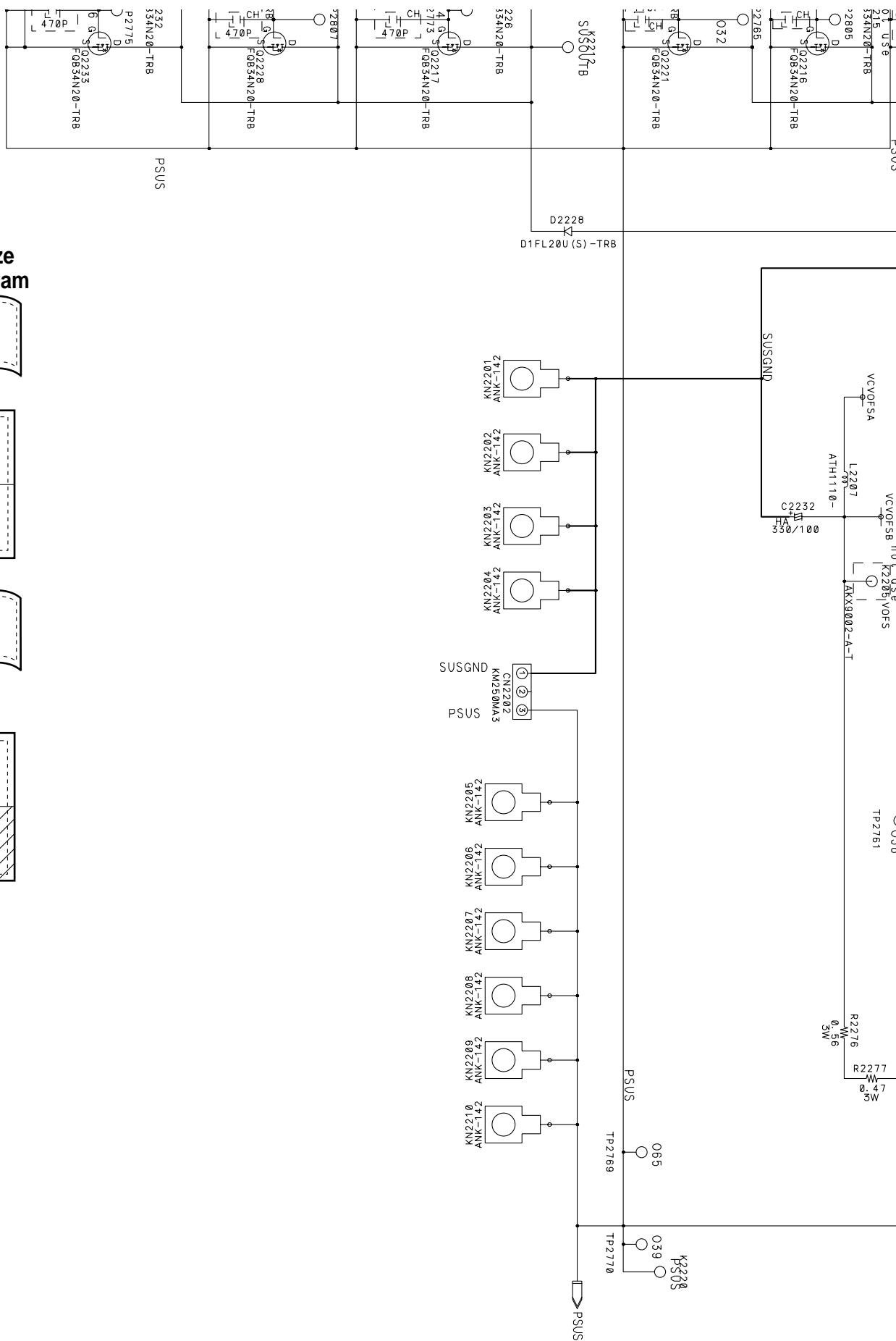
1/2



2/2



2/2





Y DRIVE ASSY (3/4)

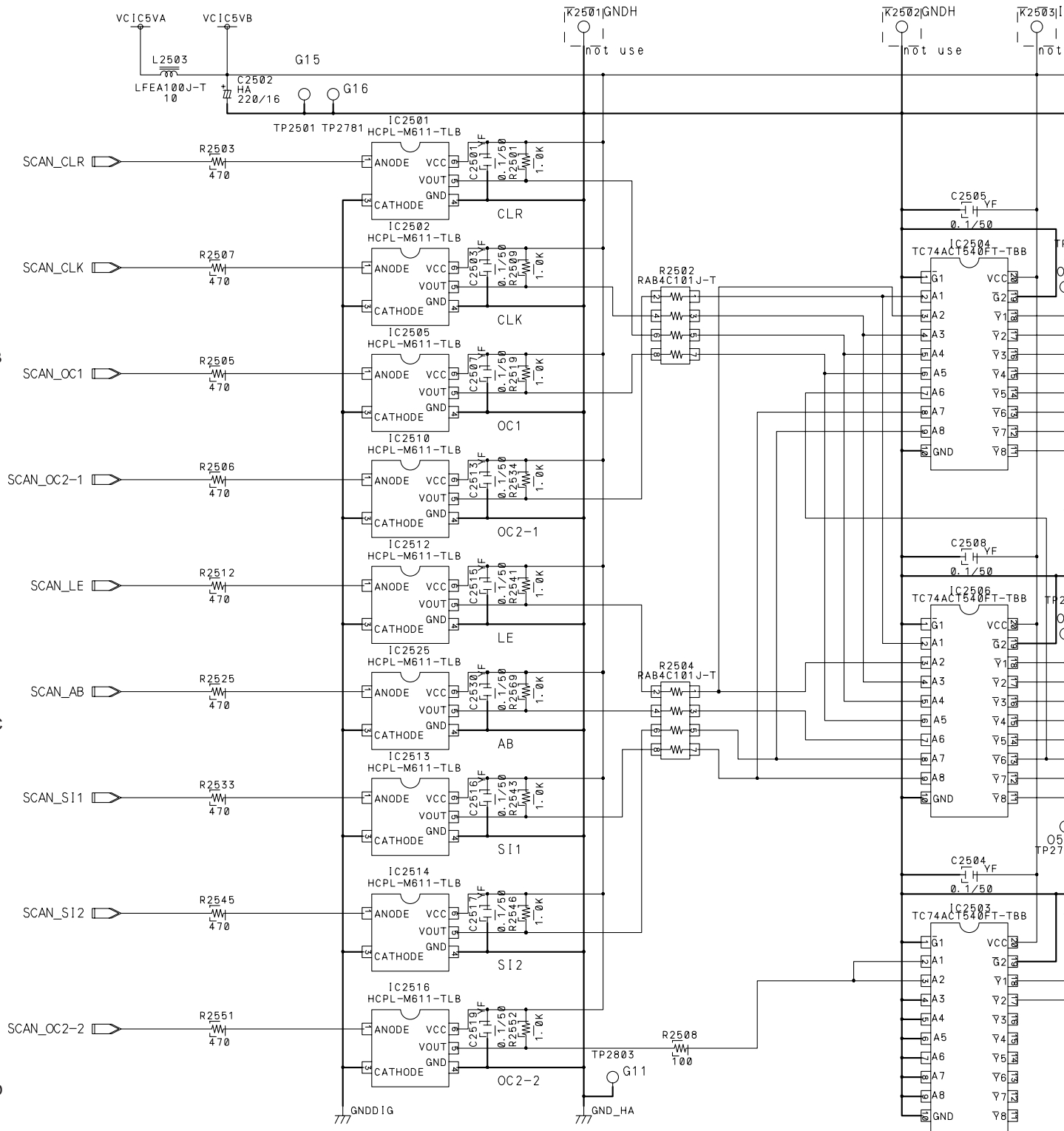
Y DRIVE SCAN BLOCK

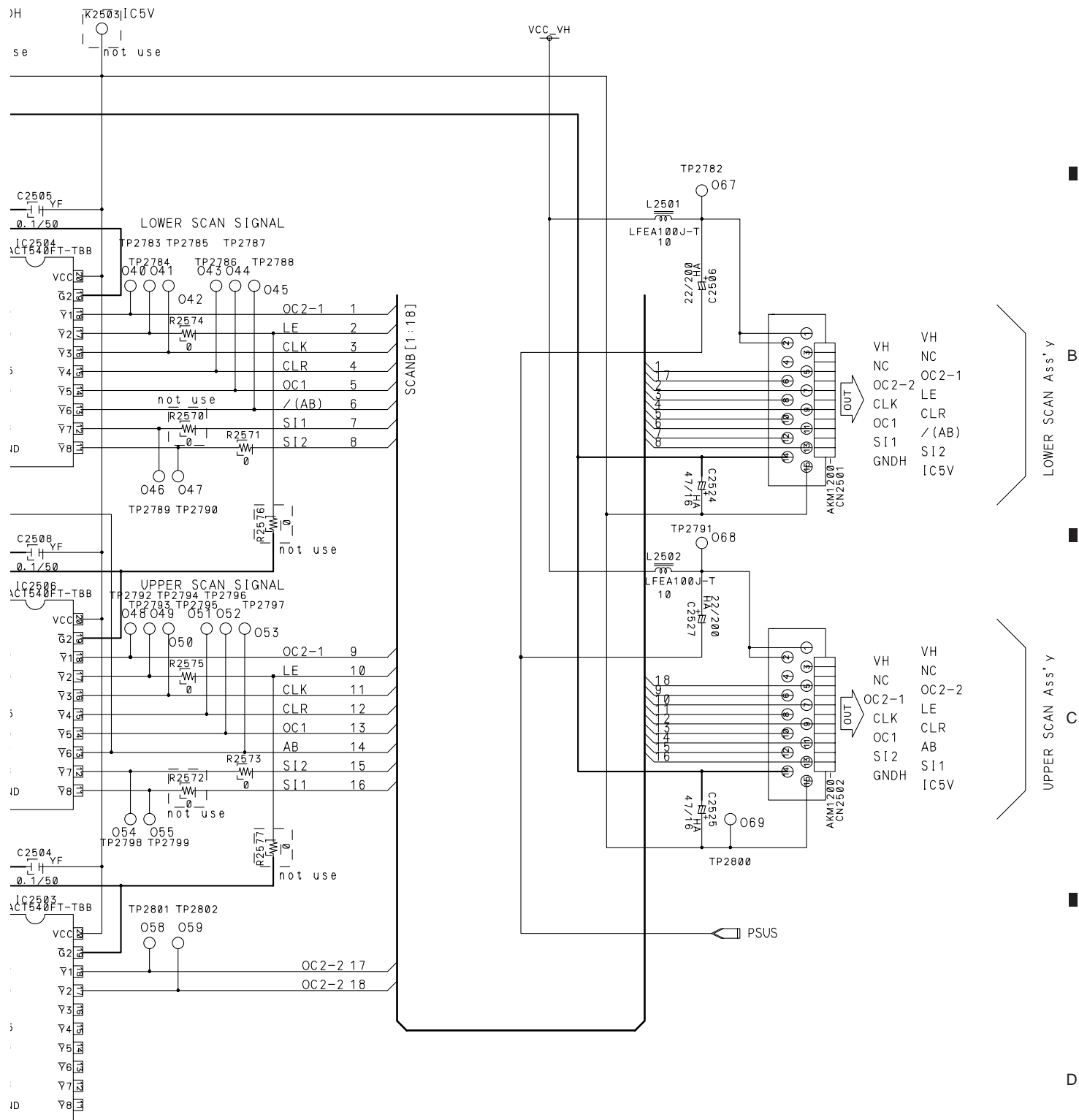
A

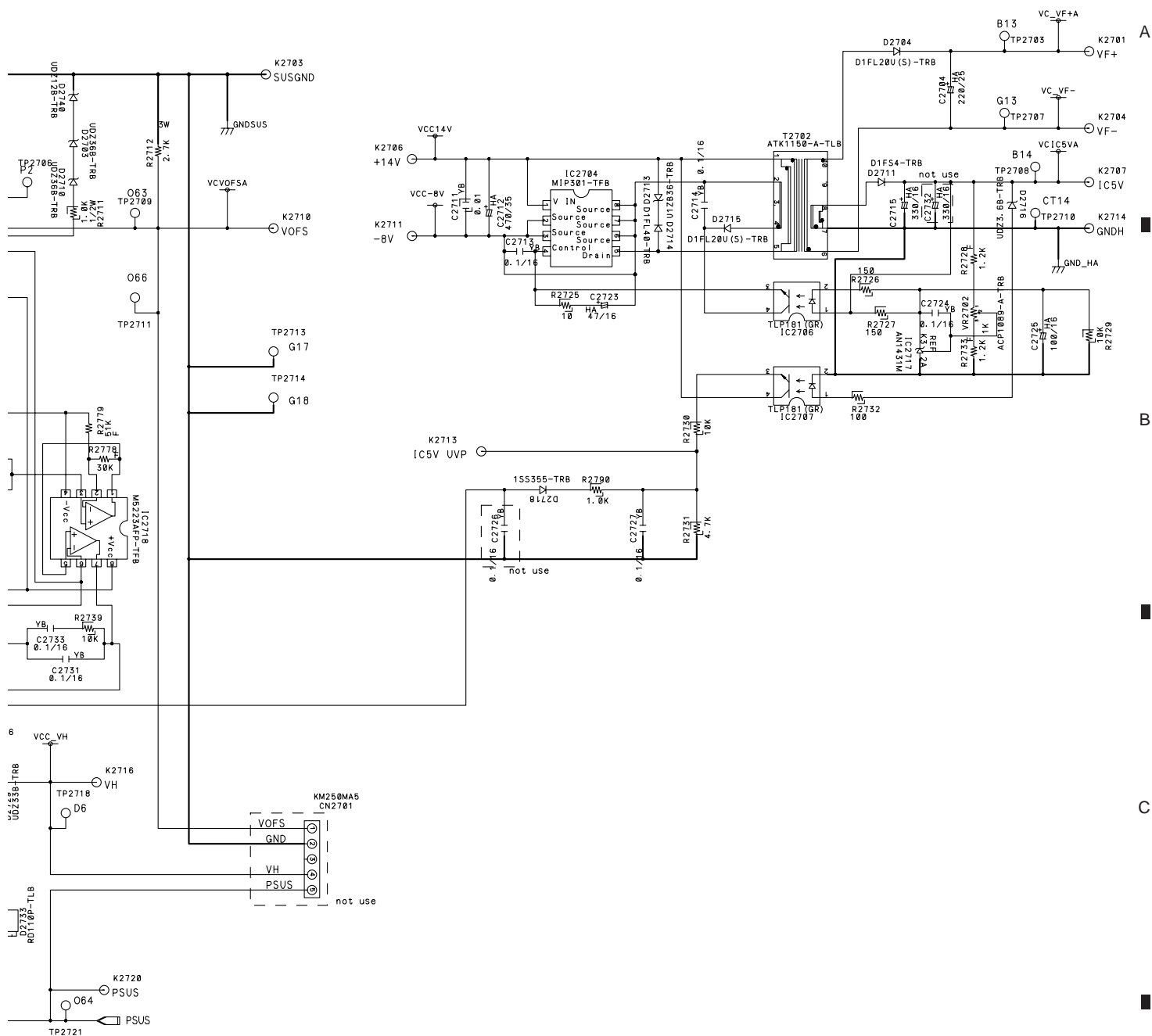
B

C

D







SUB ADDRESS A ASSY

A

SAA1 +60V
↓
P5
POWER SUPPLY Assy
(AWZ6646, 6689:AXY1051-orAXY1055-)
(AWZ6684, 6692:AXY1056-)

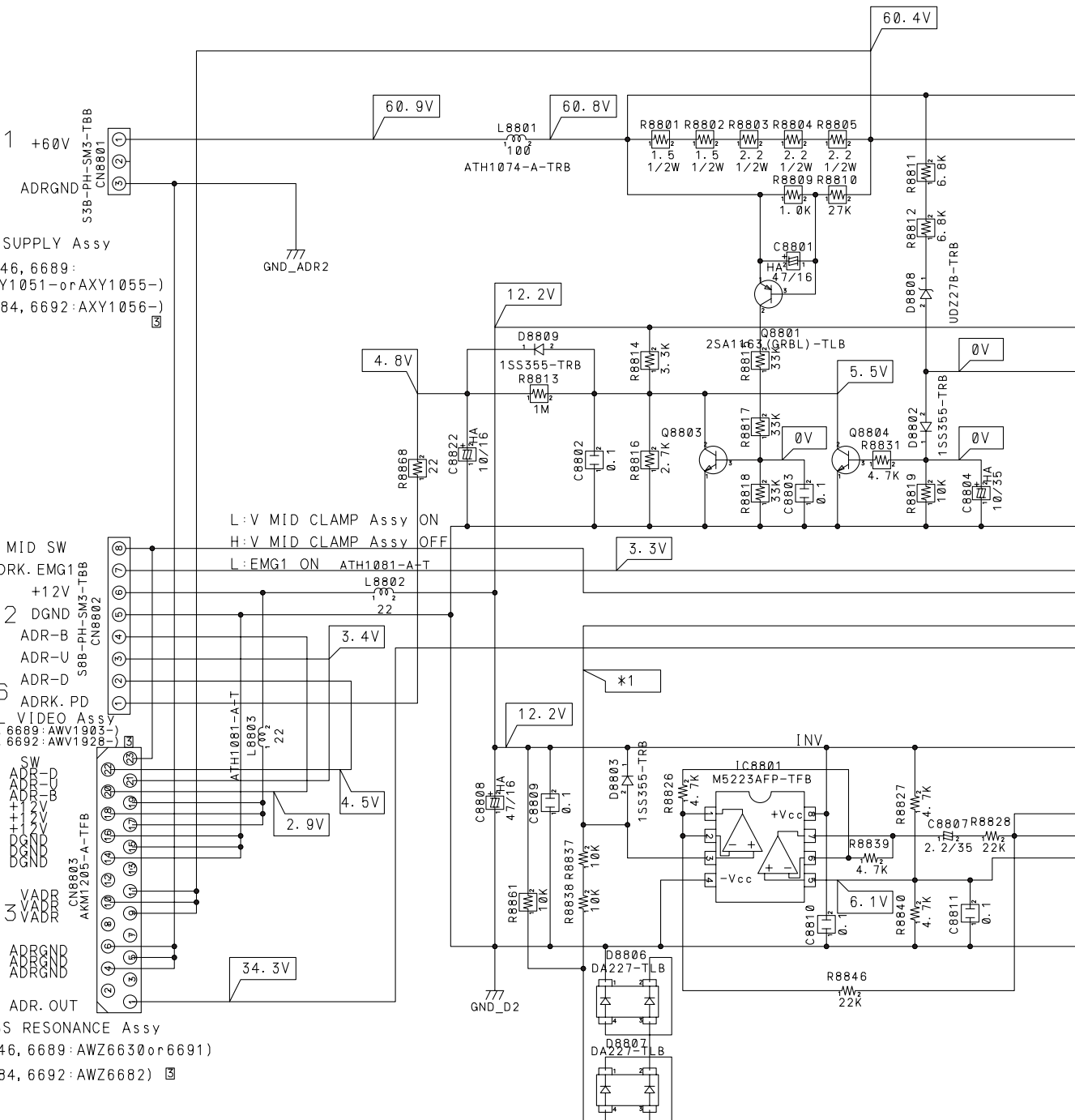
B

V MID SW
ADRK. EMG1
+12V
SAA2 DGND
ADR-B
ADR-U
ADR-D
ADRK. PD
DIGITAL VIDEO Assy
(AWZ6646, 6689:AWV1903-)
(AWZ6684, 6692:AWV1928-)

C

SAA3 VAD
↓
K1
ADR. OUT
ADDRESS RESONANCE Assy
(AWZ6646, 6689:AWZ6630or6691)
(AWZ6684, 6692:AWZ6682)

D



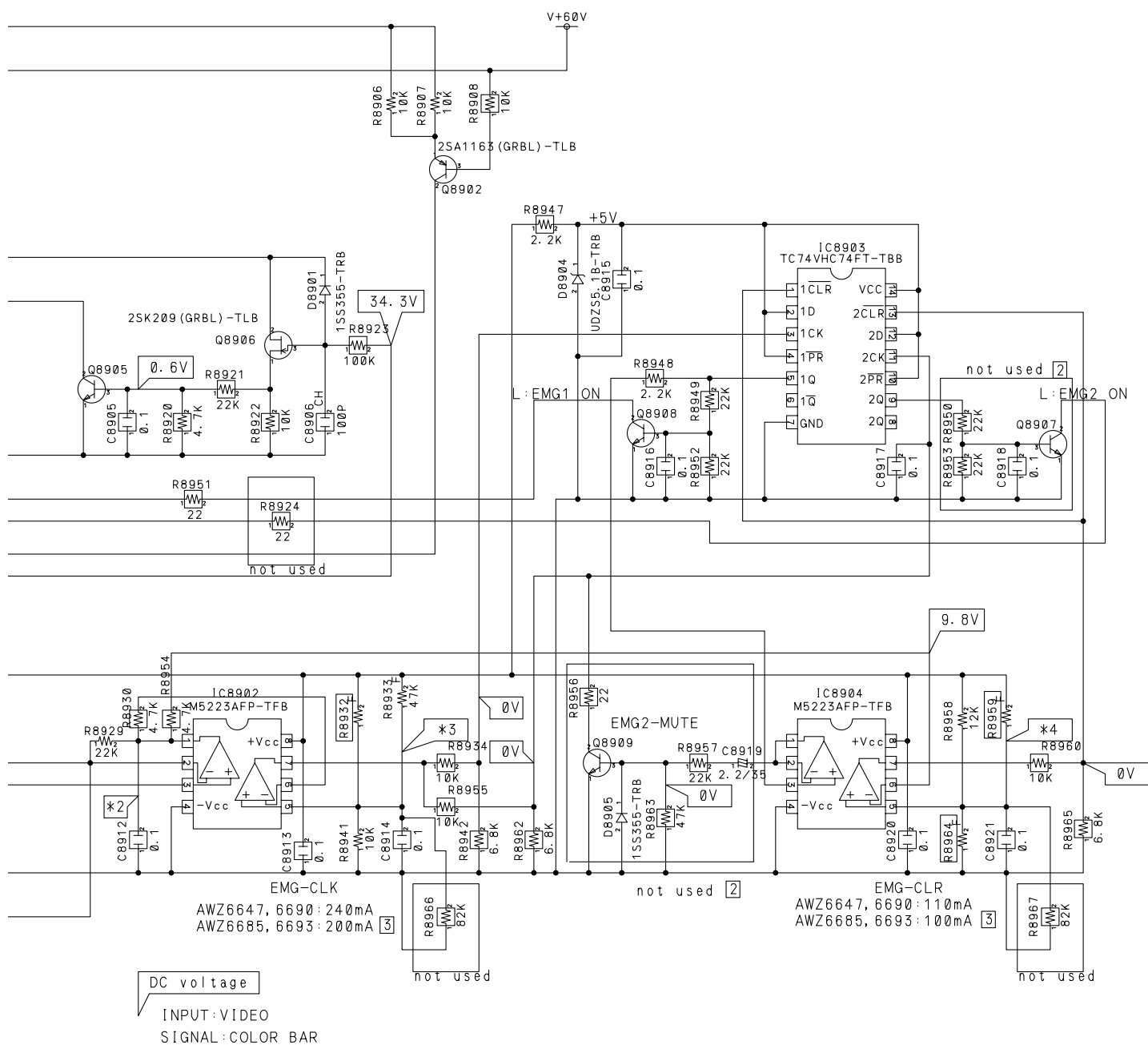


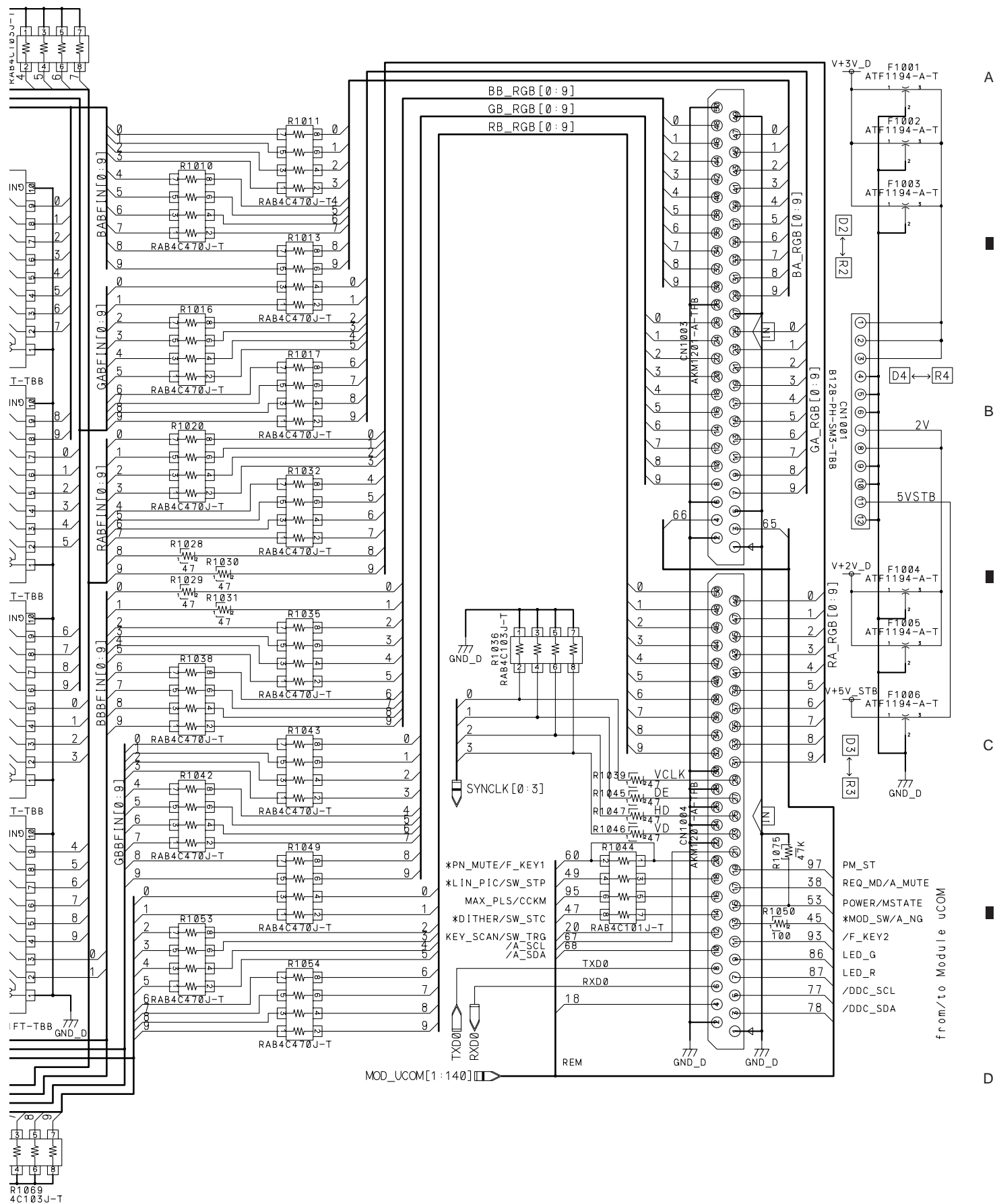
A

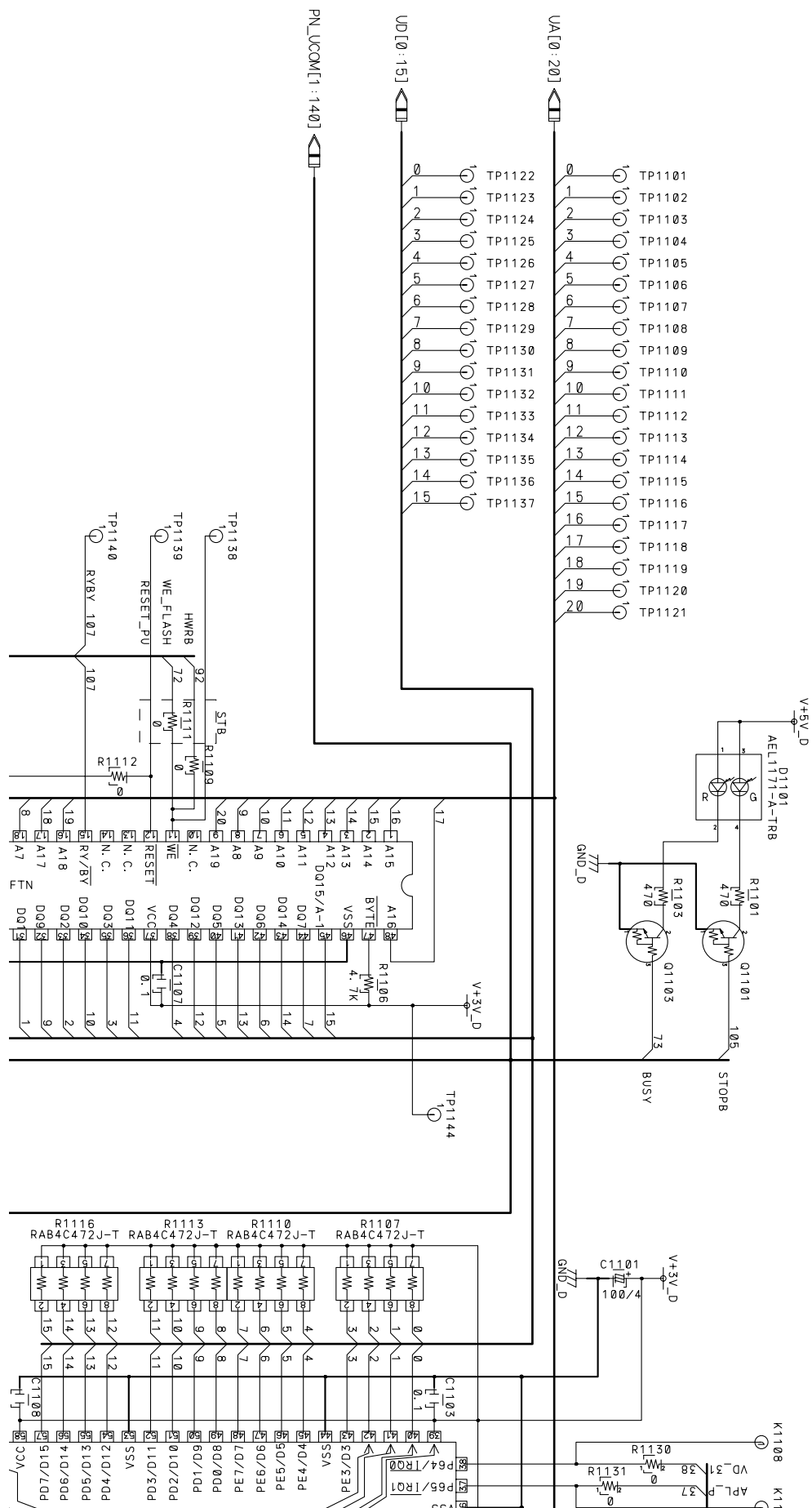
B

C

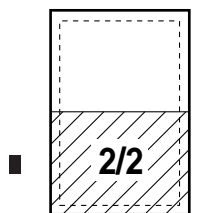
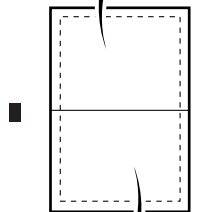
D







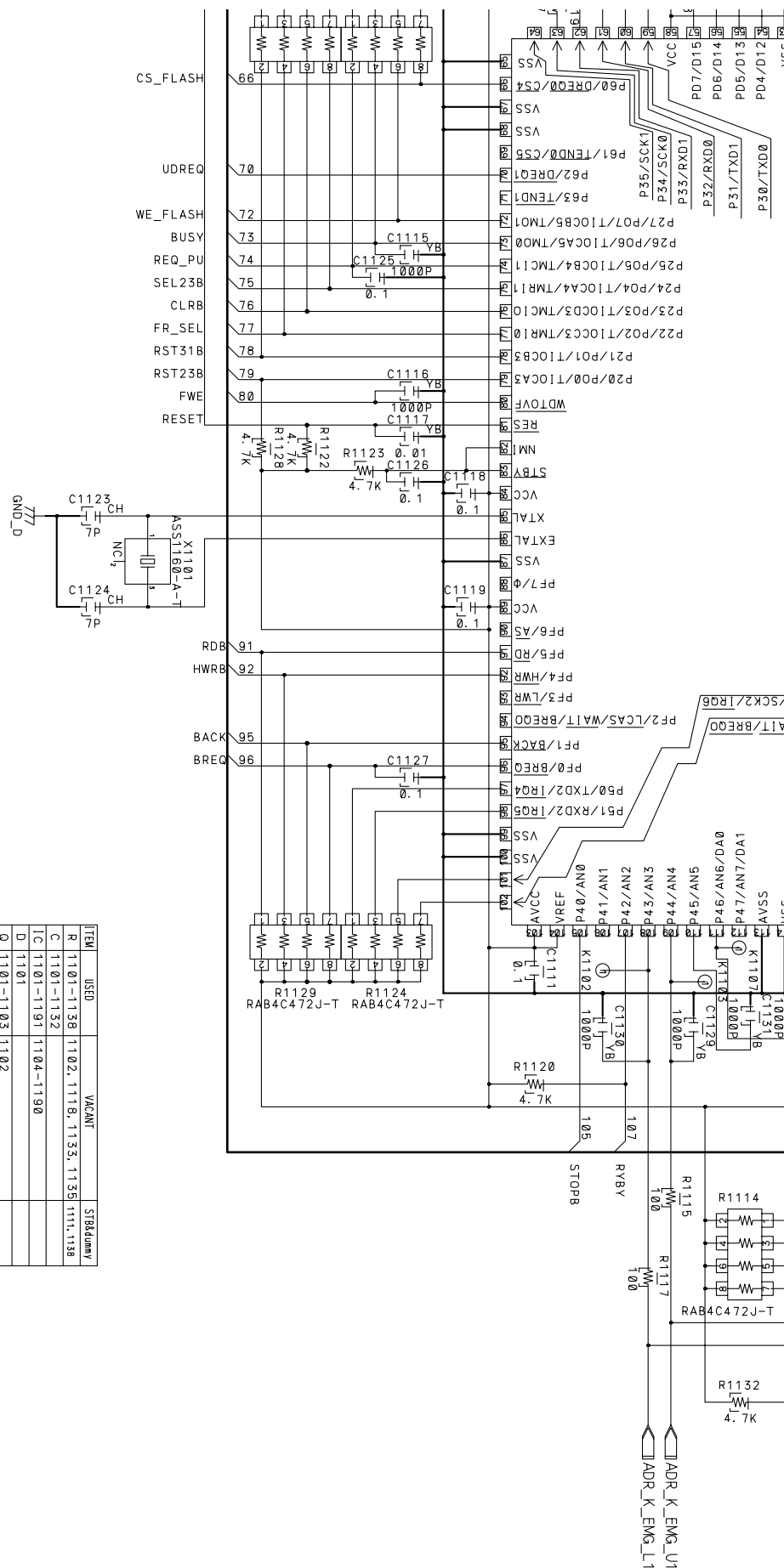
Large size SCH diagram

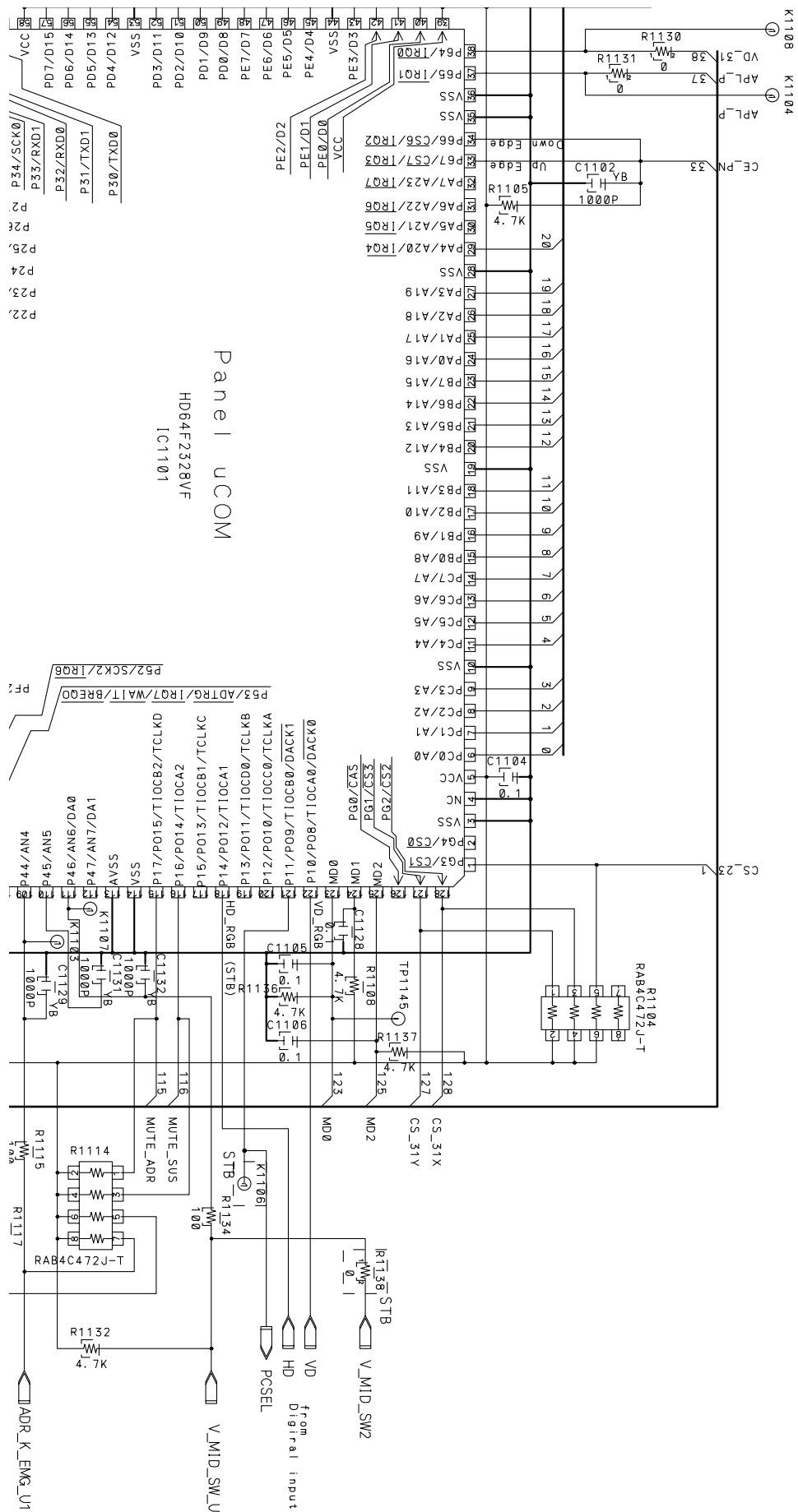


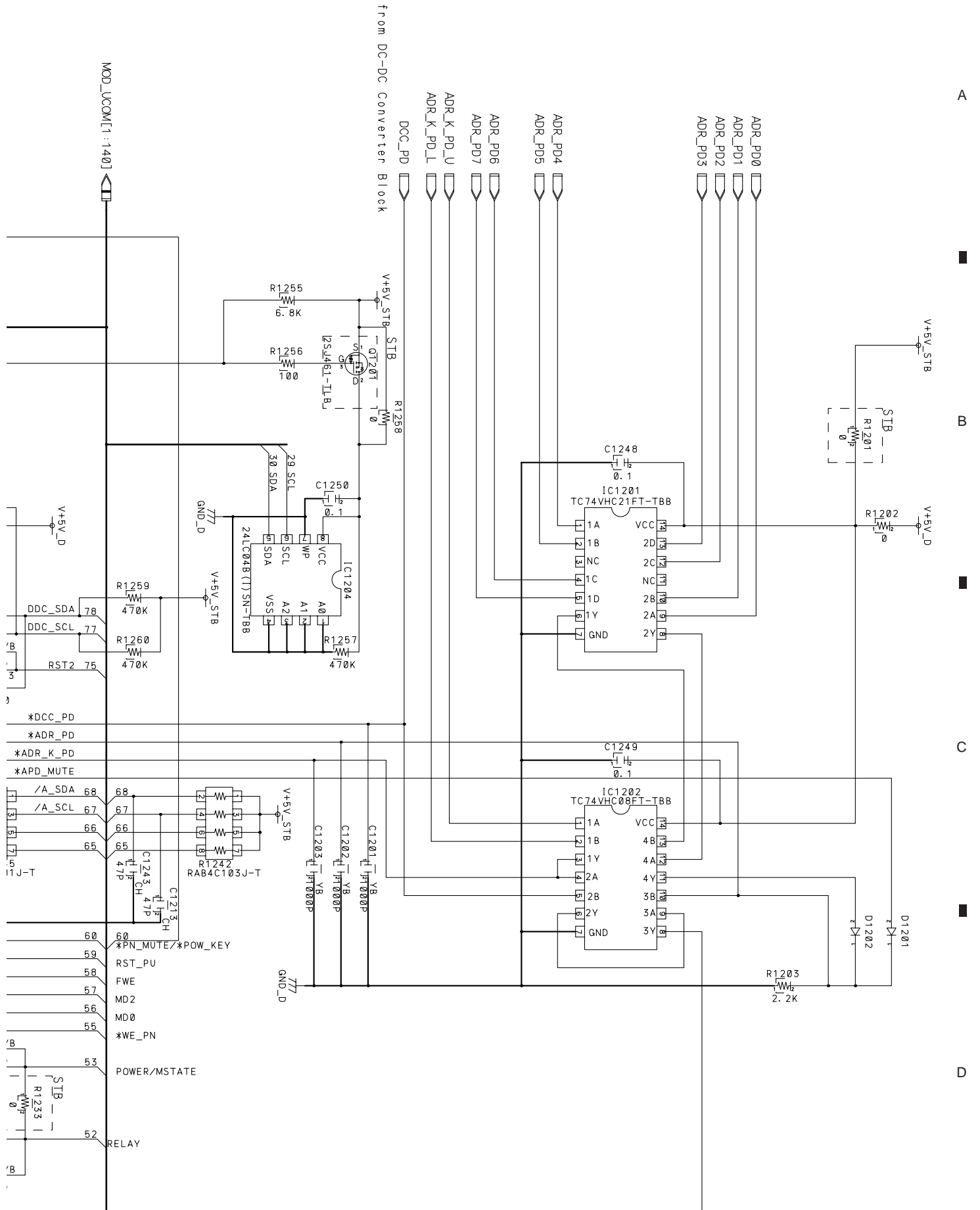
C

D

ITEM	USED	VACANT	STBDummy
R	1101-1138	1102, 1118, 1133, 1135	1111, 1138
C	1101-1132		
IC	1101-1191	1104-1190	
D	1101		
Q	1101-1103	1102	
K	1101-1108	1105	1106
X	1101		
TP	11, 1101-1144		

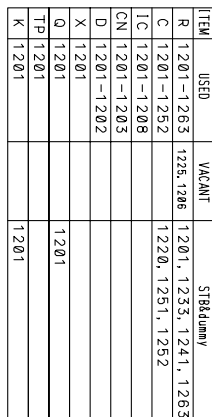


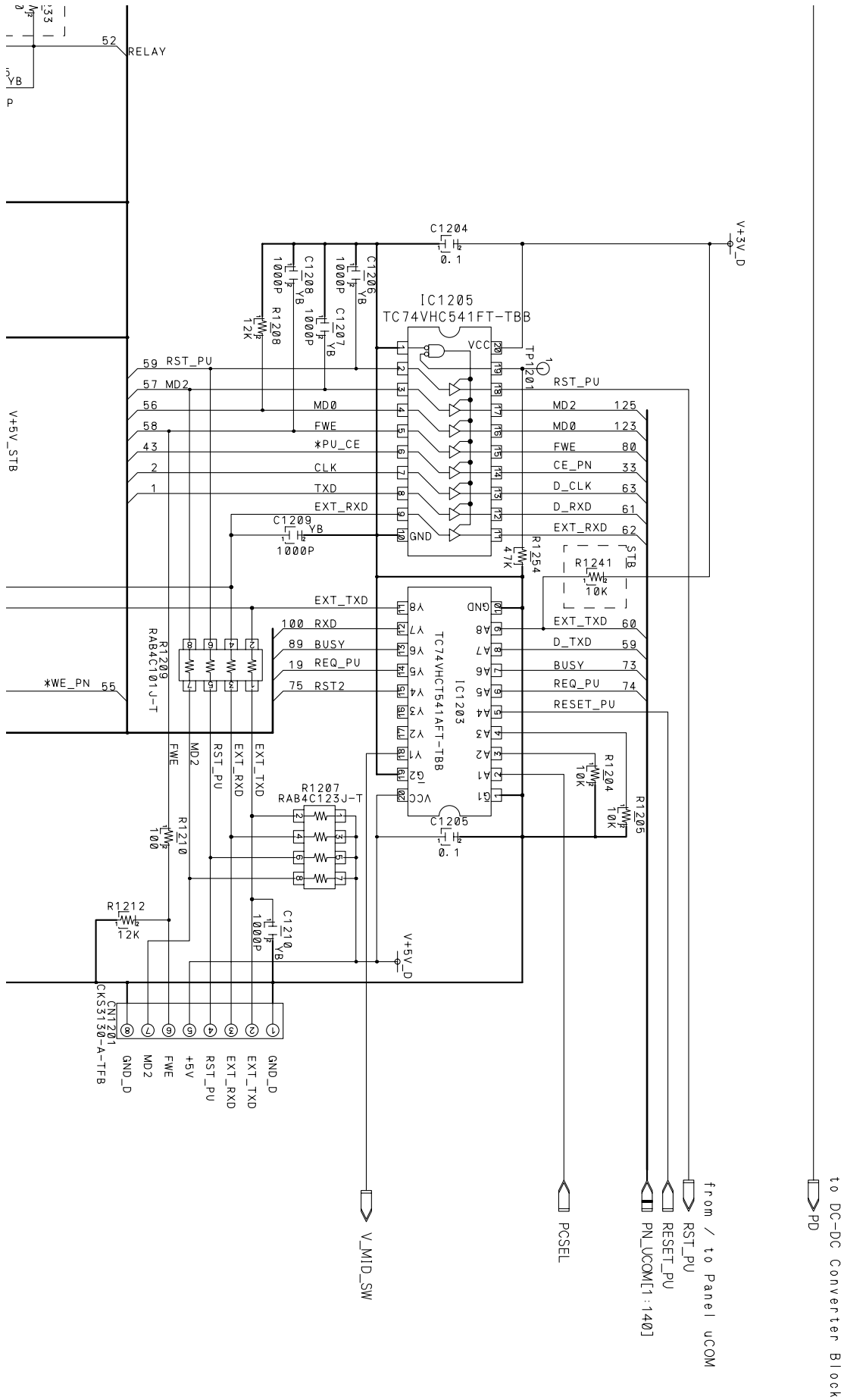


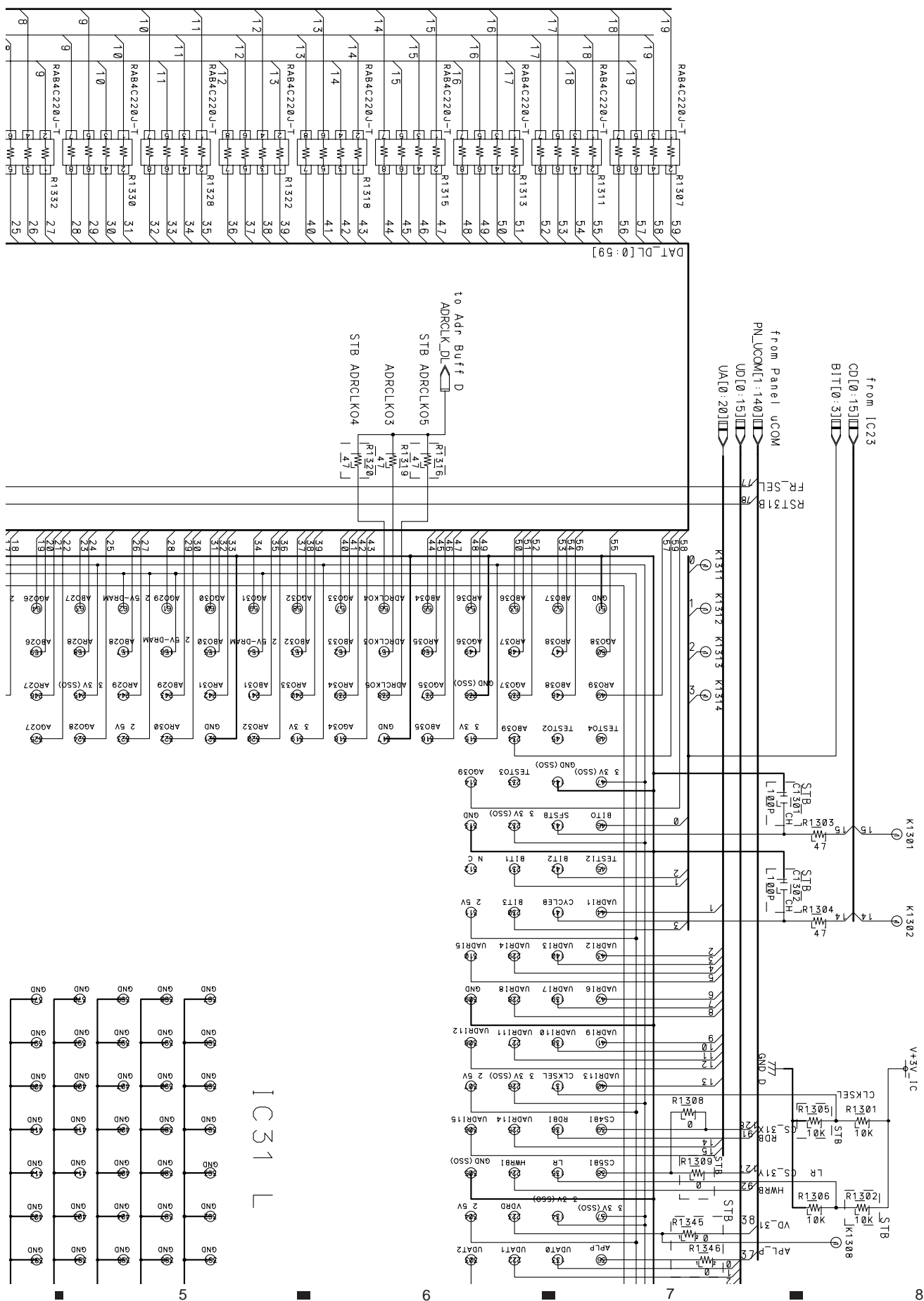


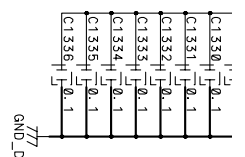


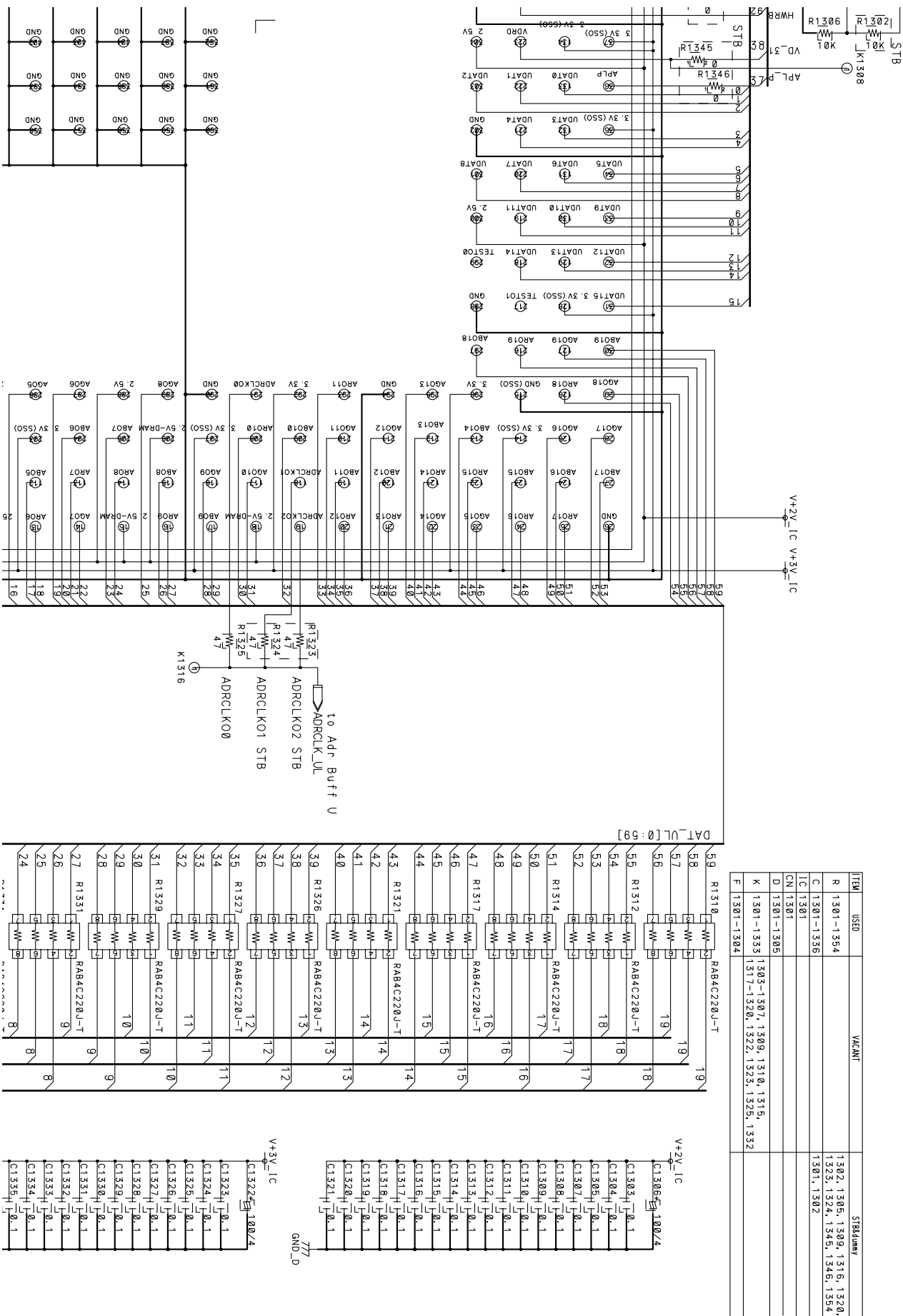
1/2











A

B

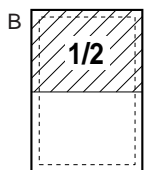
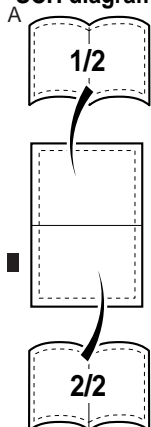
C

D

DIGITAL VIDEO ASSY (5/10)

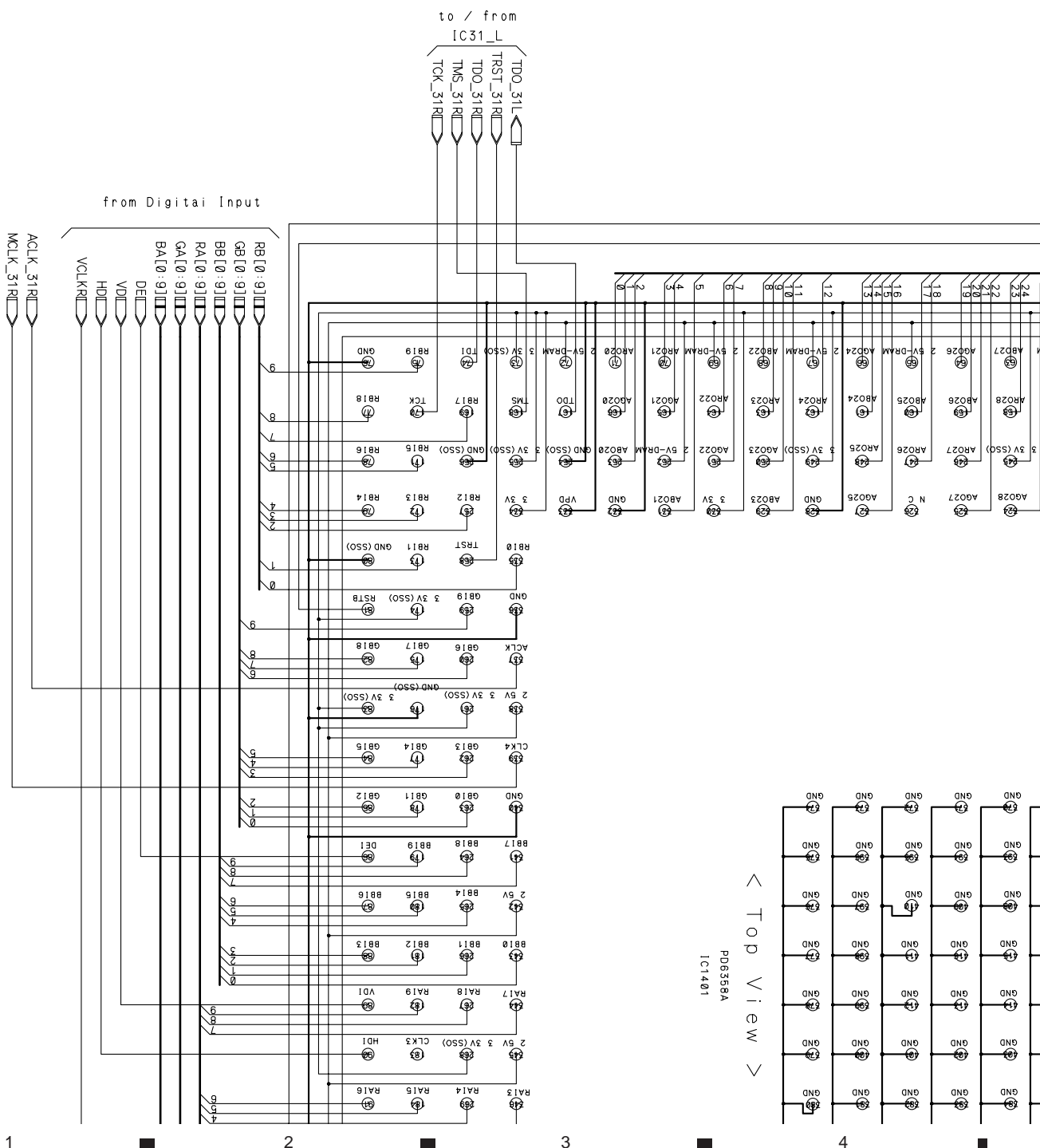
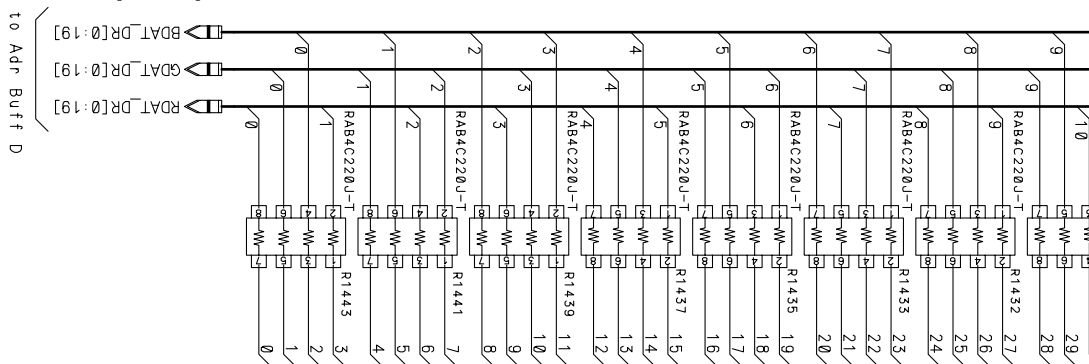
IC31 R BLOCK

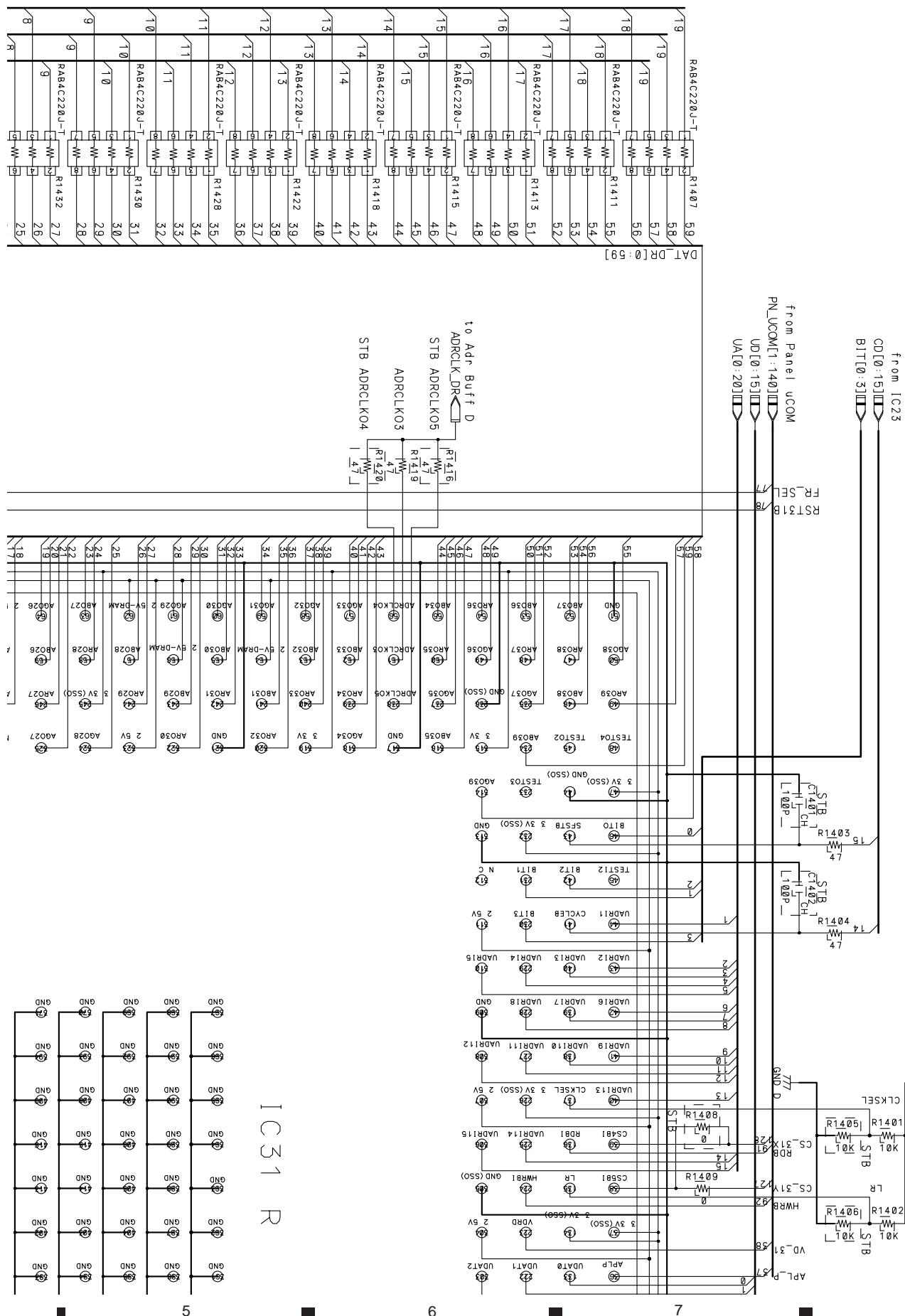
Large size
SCH diagram



C

D



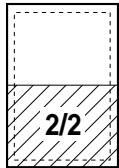


A

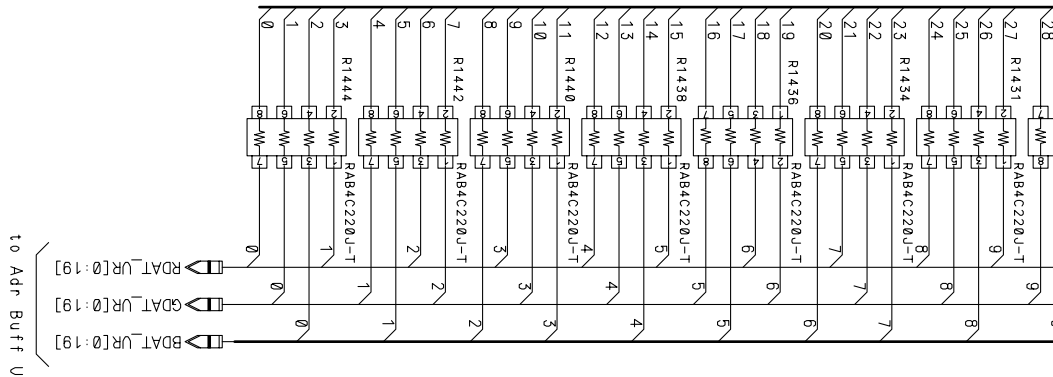
Large size
SCH diagram



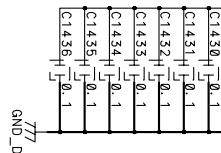
B

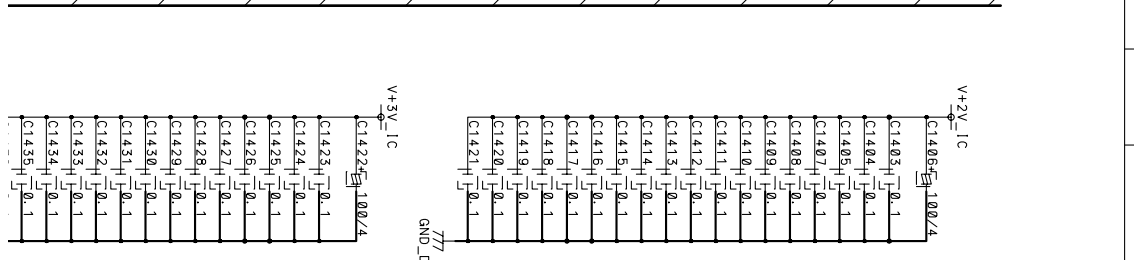


C



D

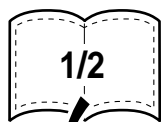




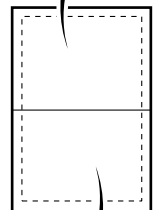
■ 5 ■ 6 ■ 7 ■ 8

■ DIGITAL VIDEO ASSY (6/10)

● ADDRESS CONNECTOR U BLOCK

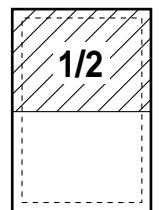
Large size
A SCH diagram

1/2



2/2

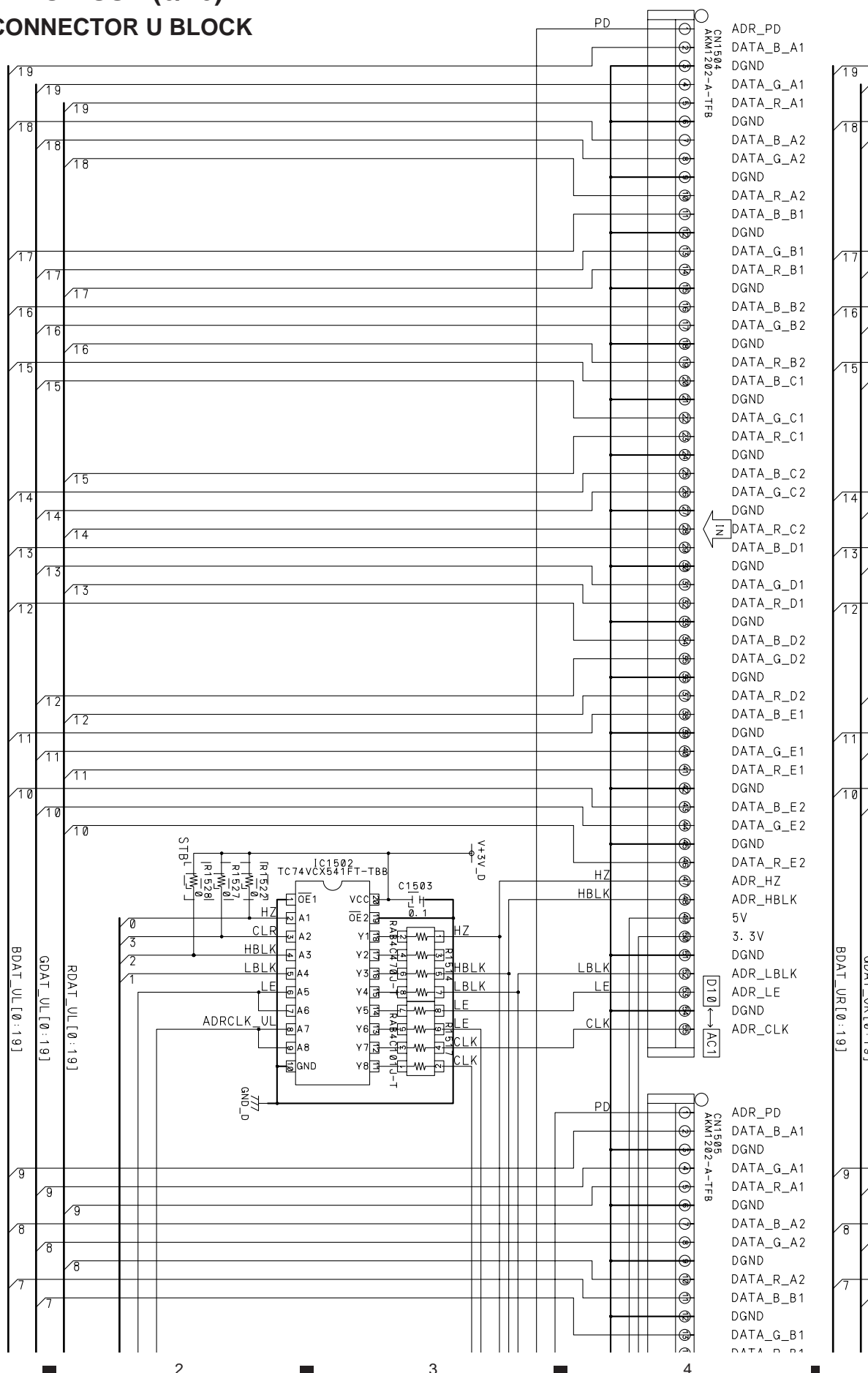
B

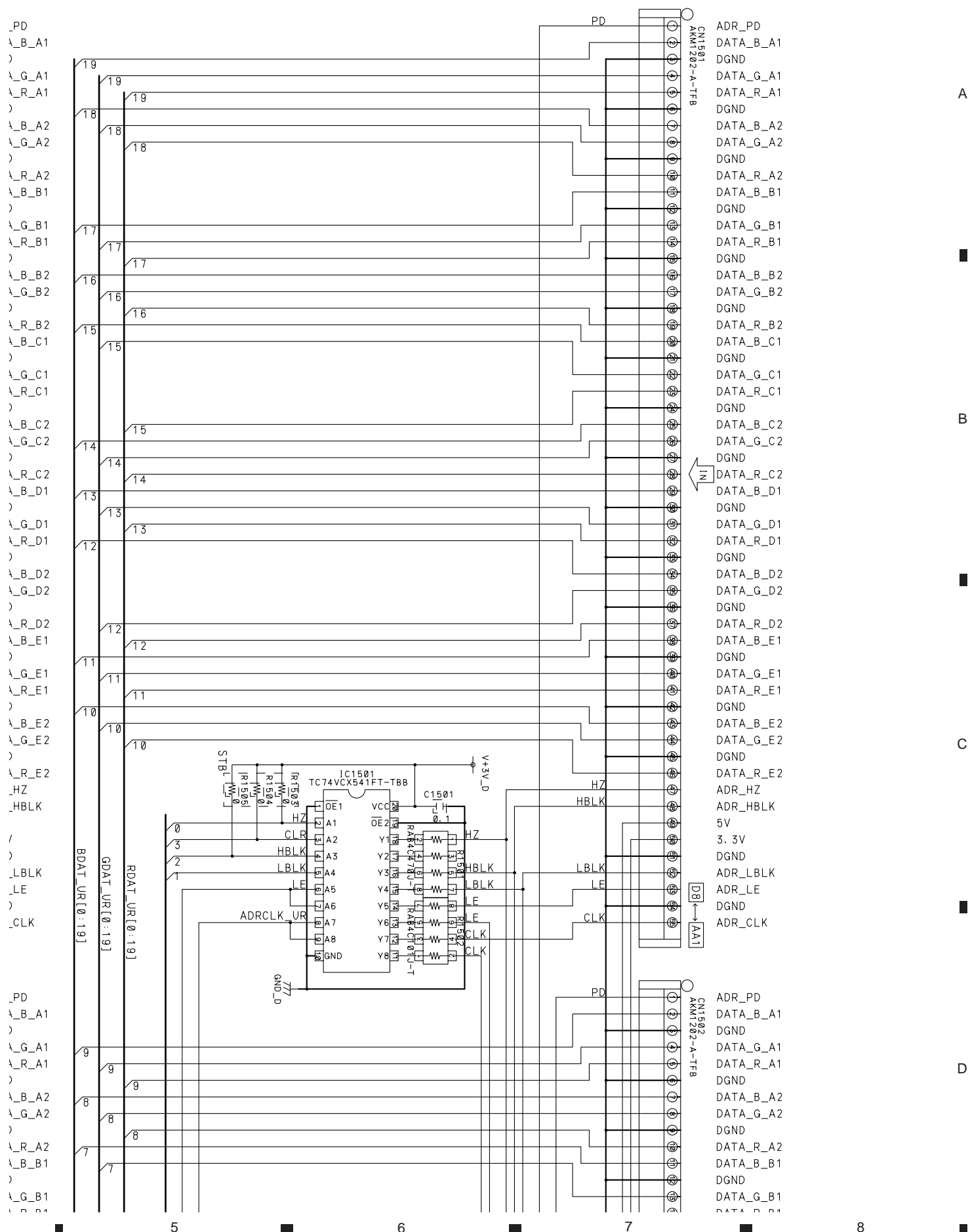


1/2

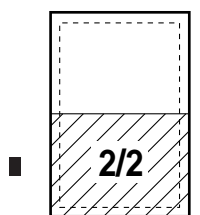
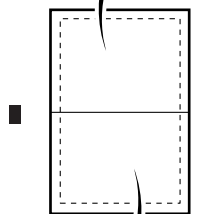
C

D

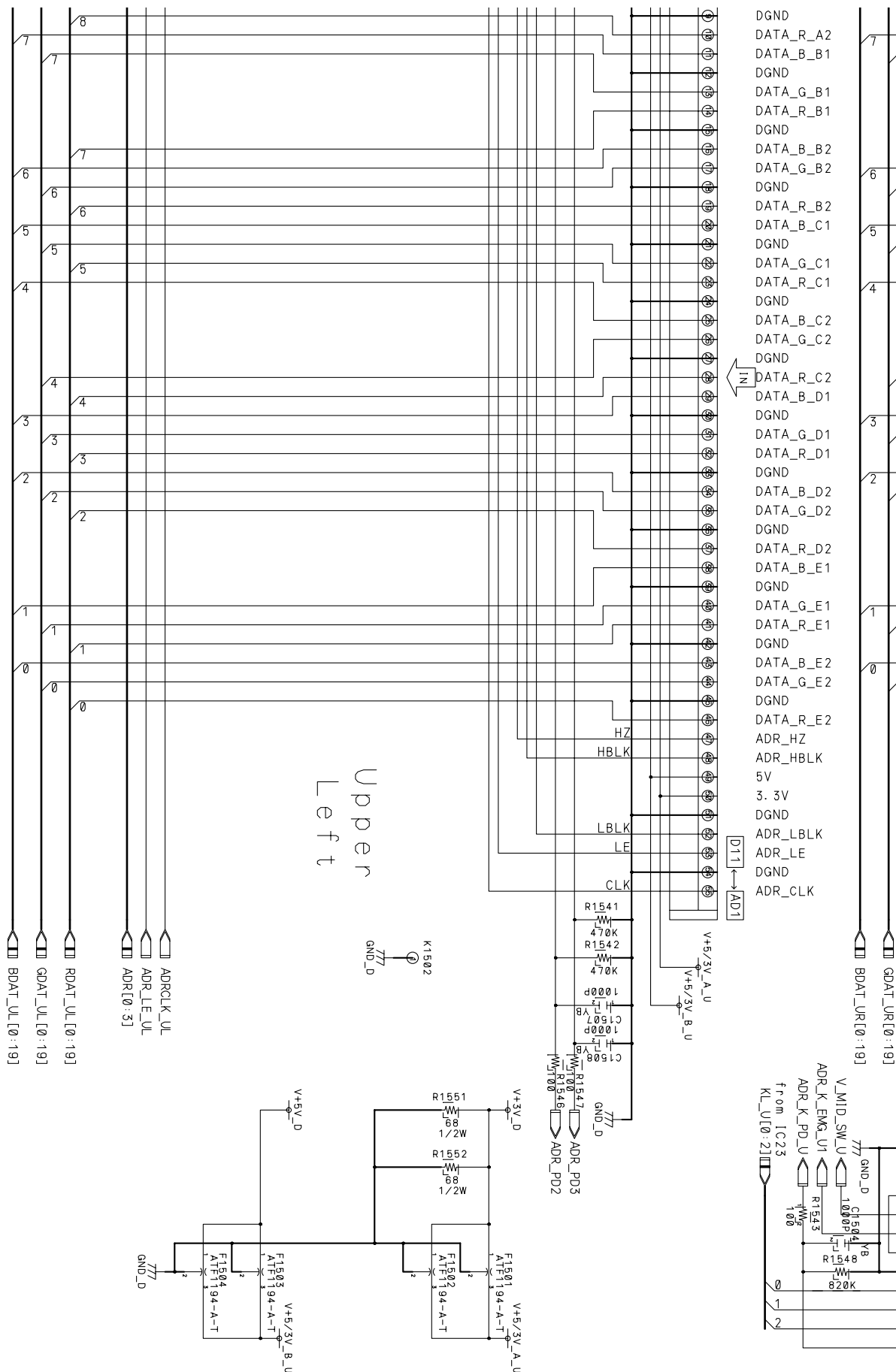




Large size SCH diagram



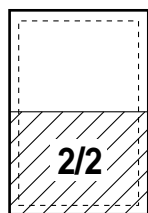
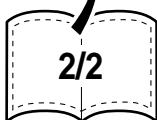
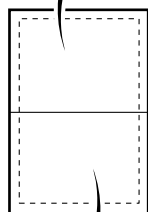
D



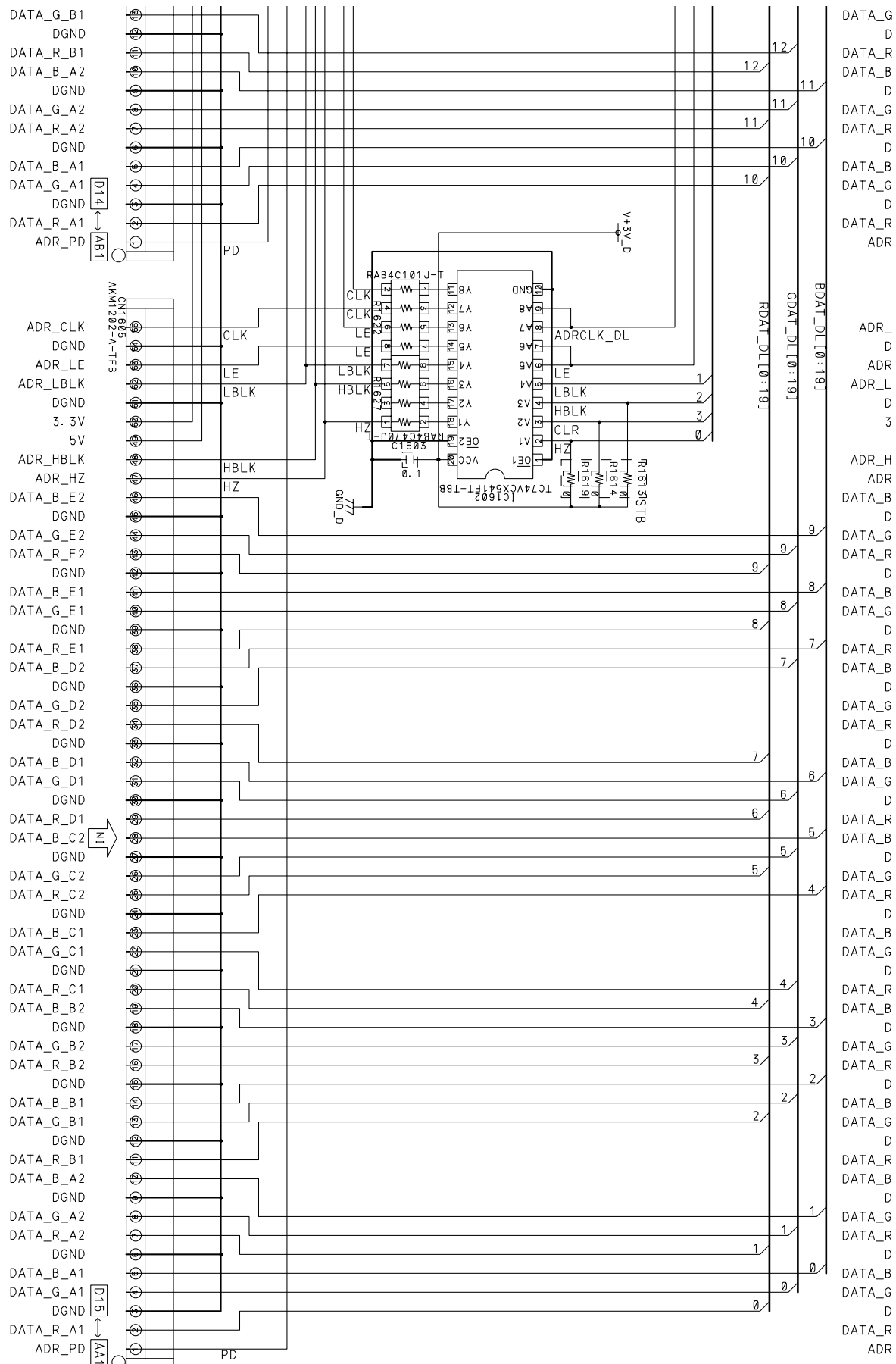




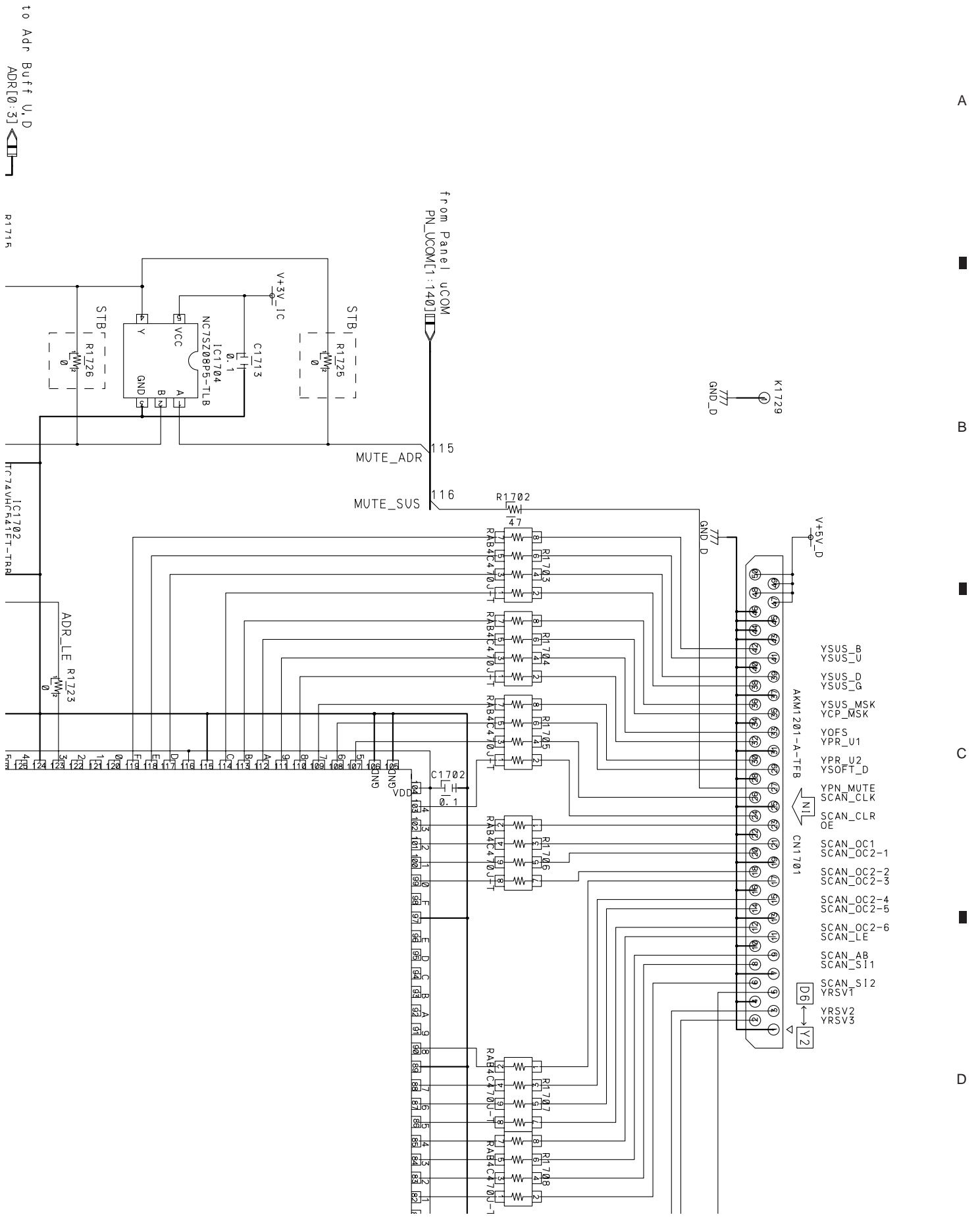
Large size SCH diagram



D





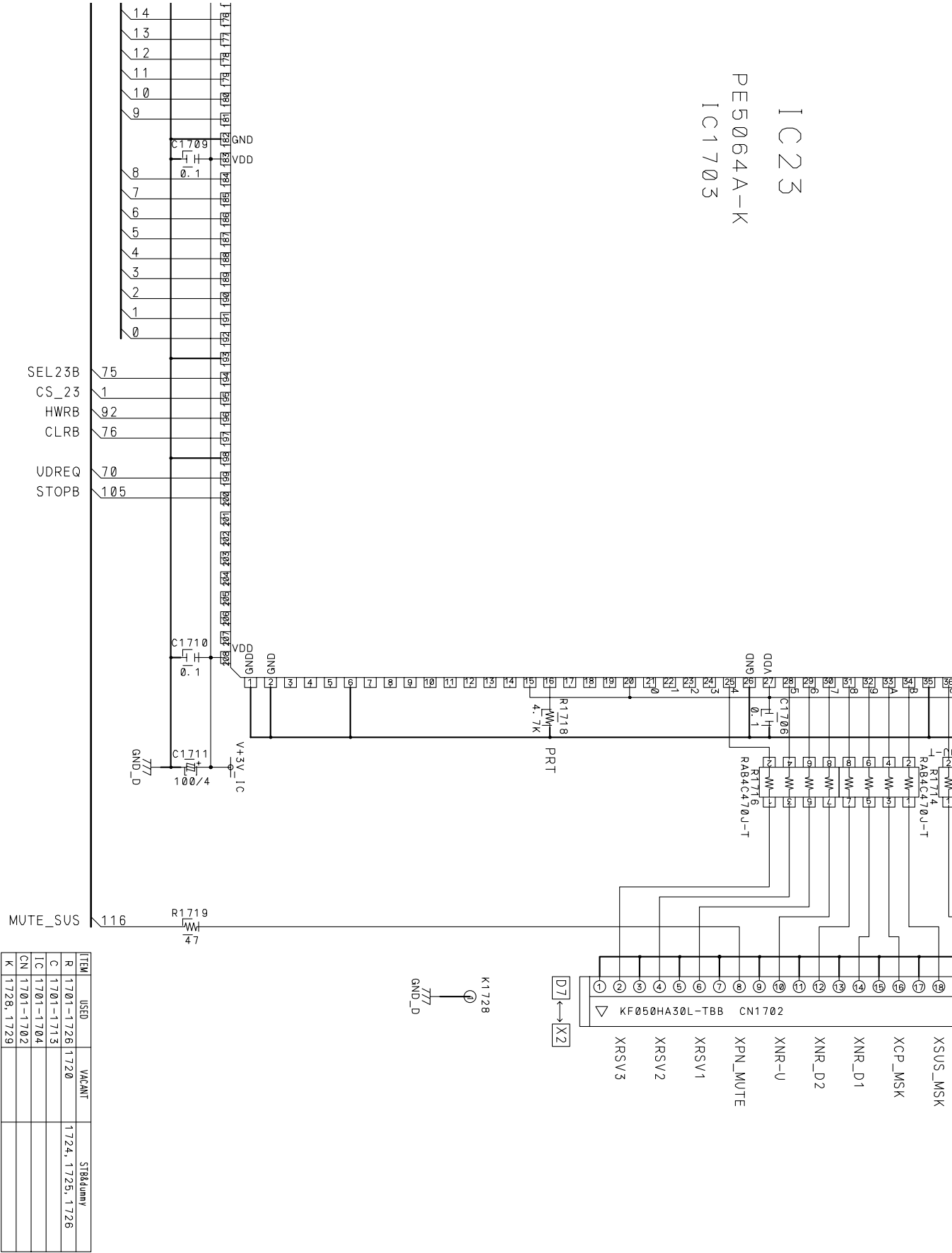


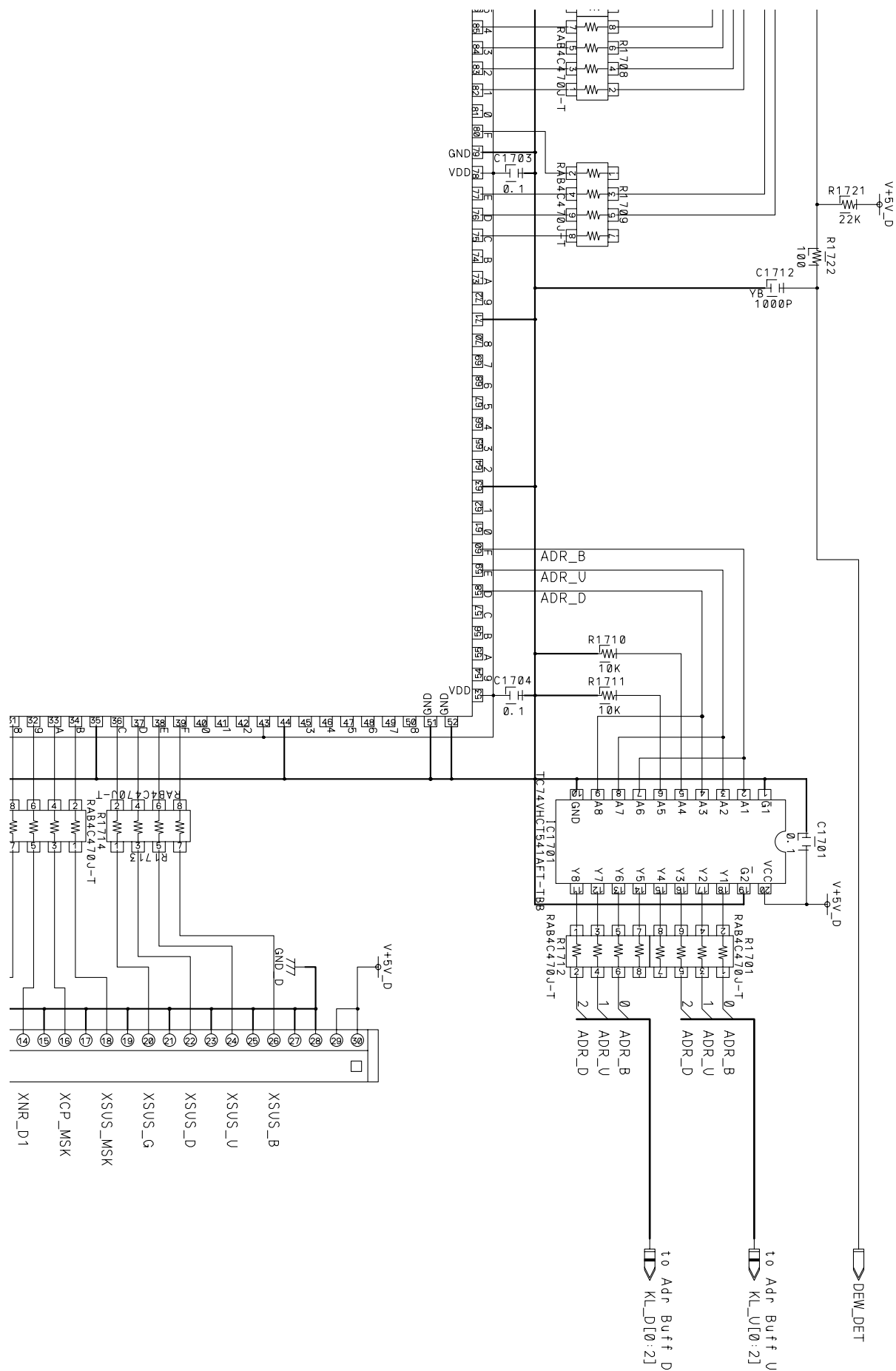
A

B

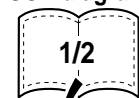
C

D

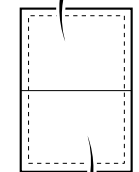




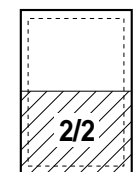
Large size
SCH diagram



A

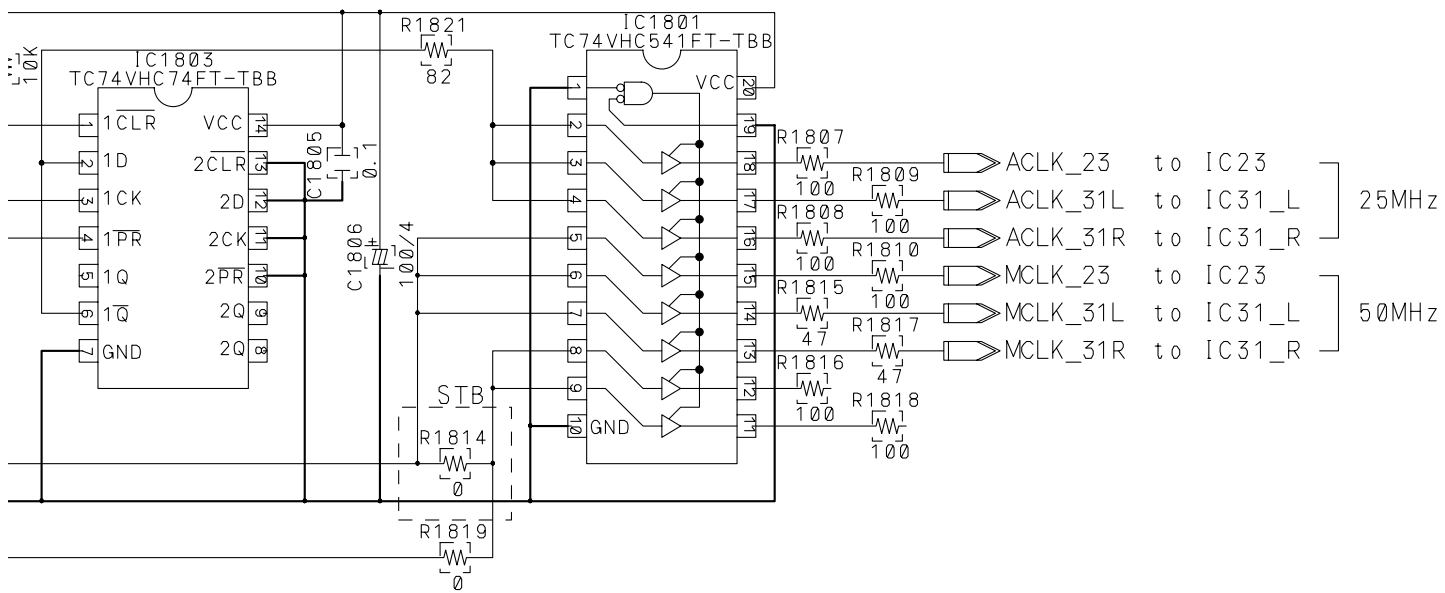


B

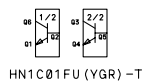
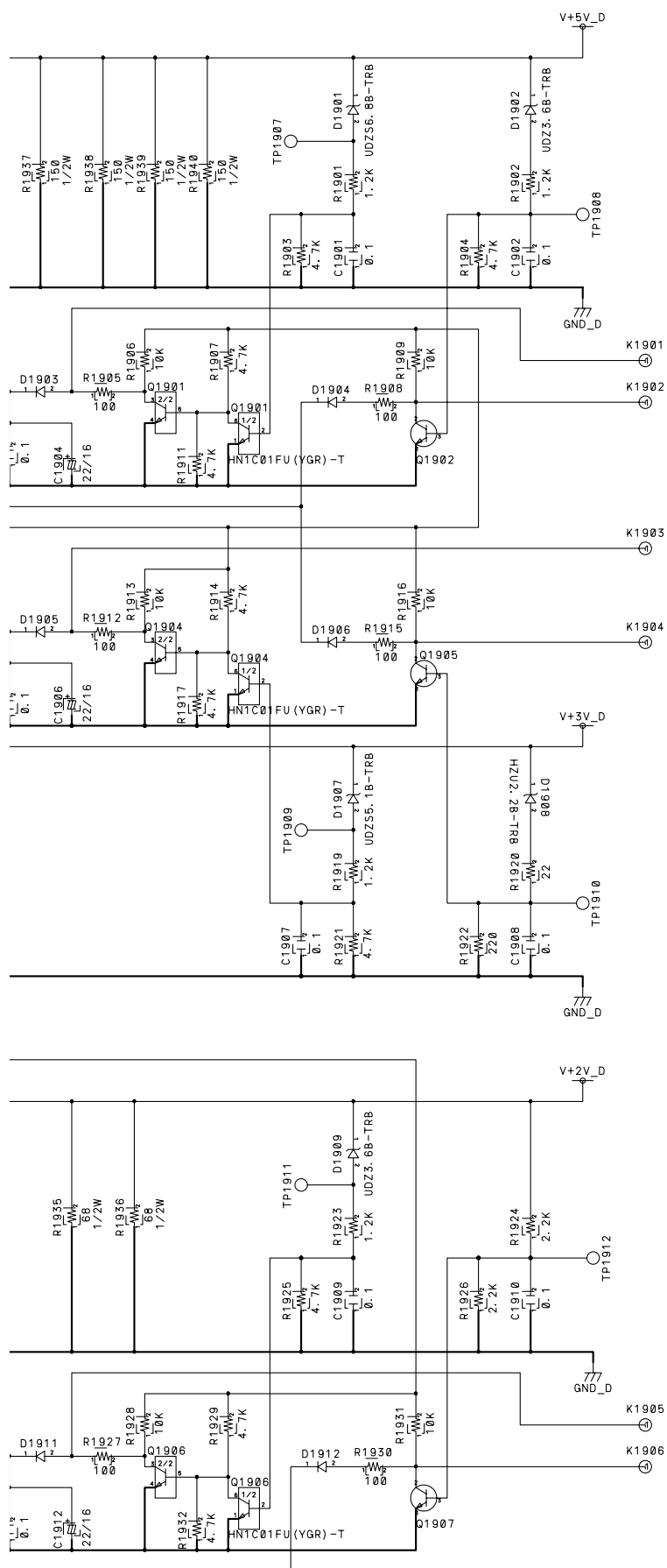


C

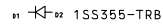
D



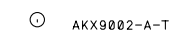
ITEM	USED	VACANT	STB&dummy
R	1801-1821		1814
C	1801-1808		1801, 1808
IC	1801-1803		
X	1801		



HNTC01FU (YGR) -T



1SS355-TRB



AKX9002-A-T



DTC143EK-TLB



2SC2712 (YGR) -TLB

ITEM	USED	VACANT	STB&dummy
R	1901~1940		
C	1901~1912		
D	1901		
Q	1901		
D	1901~1912	1910	
Q	1901~1907		
K	1901~1906		
TP	1900~1920		

- **INTERFACE BLOCK**

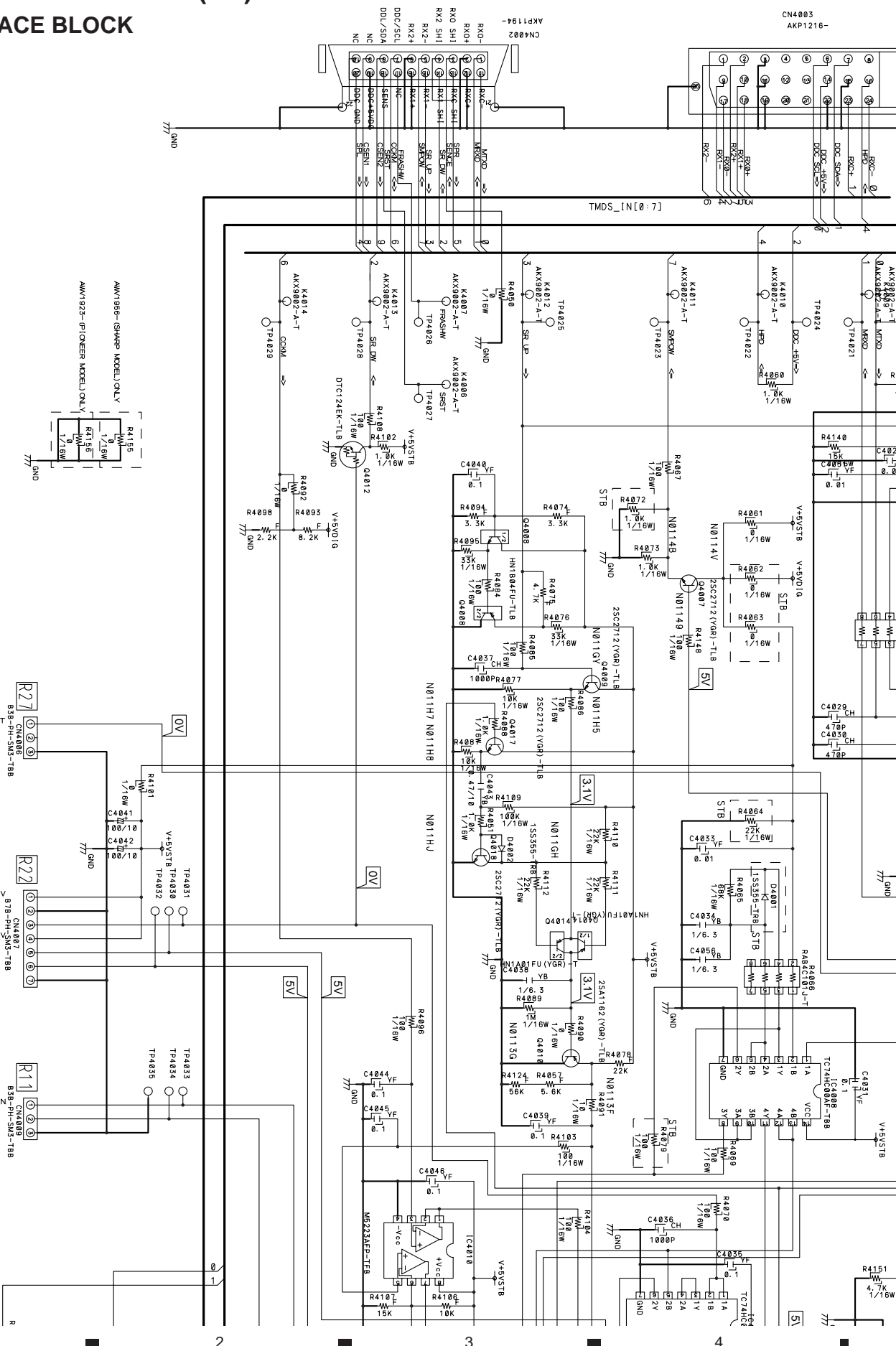
A

B

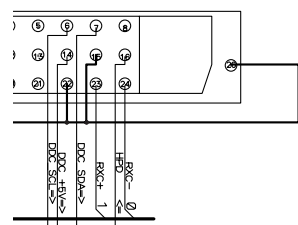
C

D

LED assy
L1

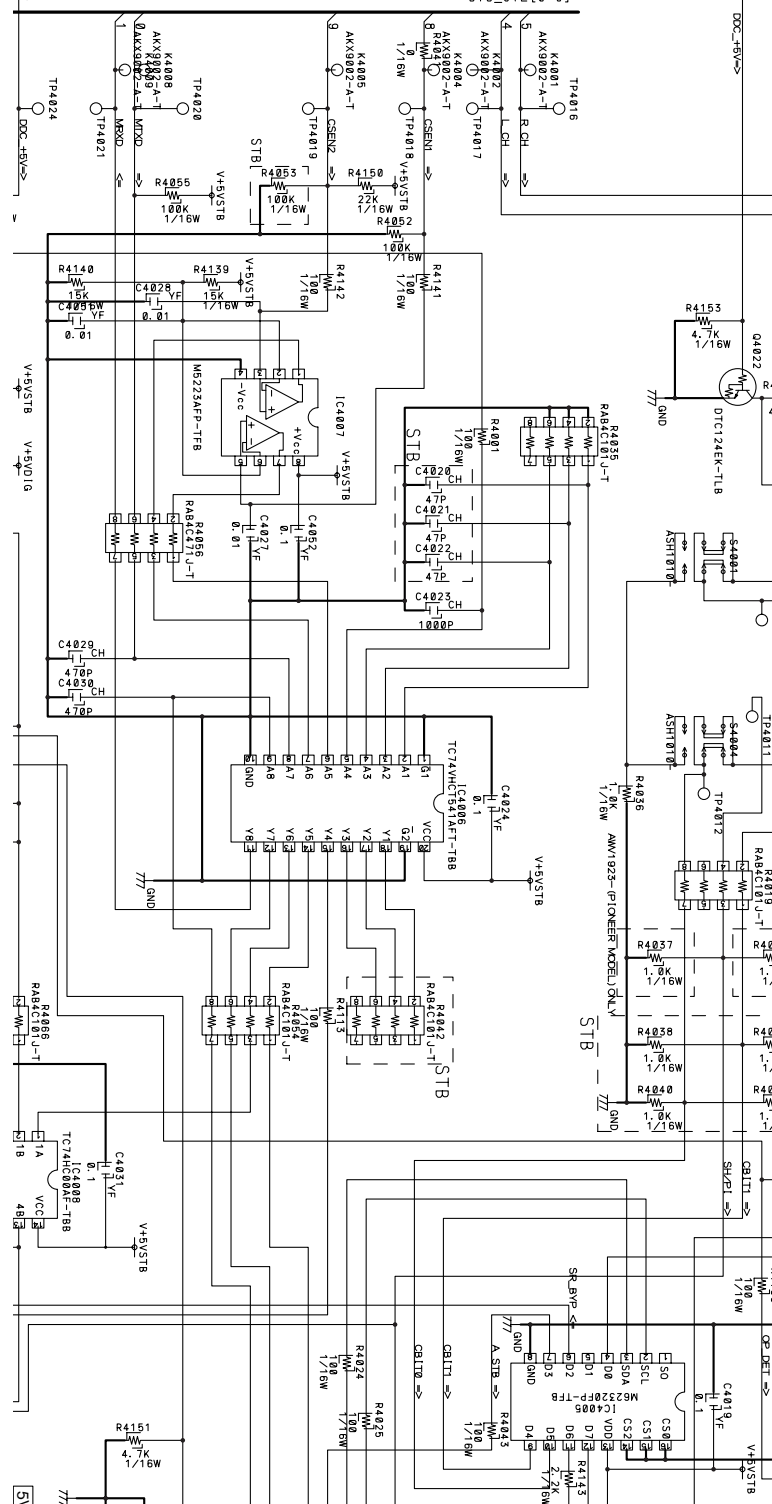


V4003
AKP1216-



DDC [0:4]

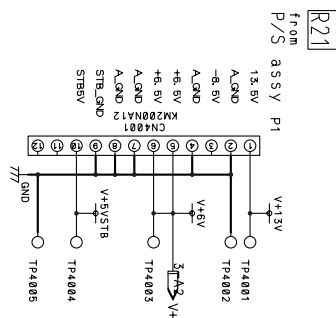
SYS_CTL [0:9]



5

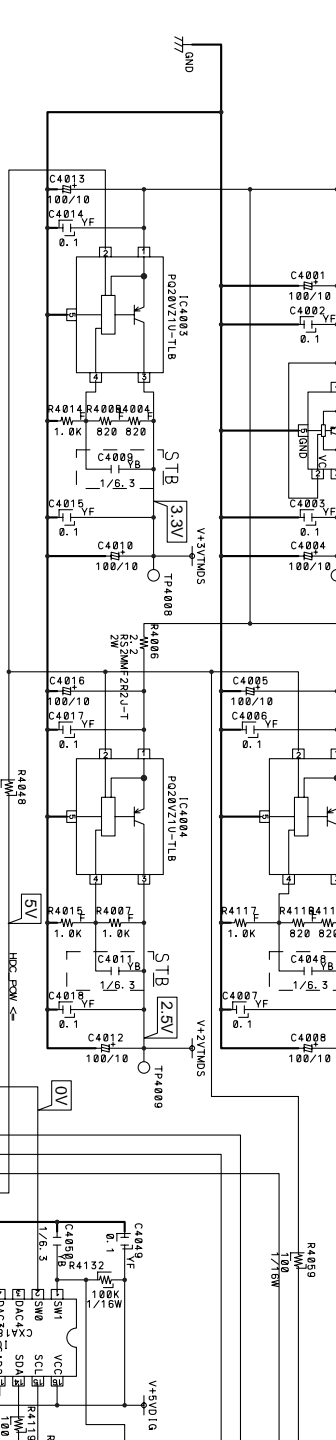
6

7



DDC [0:4]

SYS_CTL [0:9]



7

8

A

B

C

D

A

B

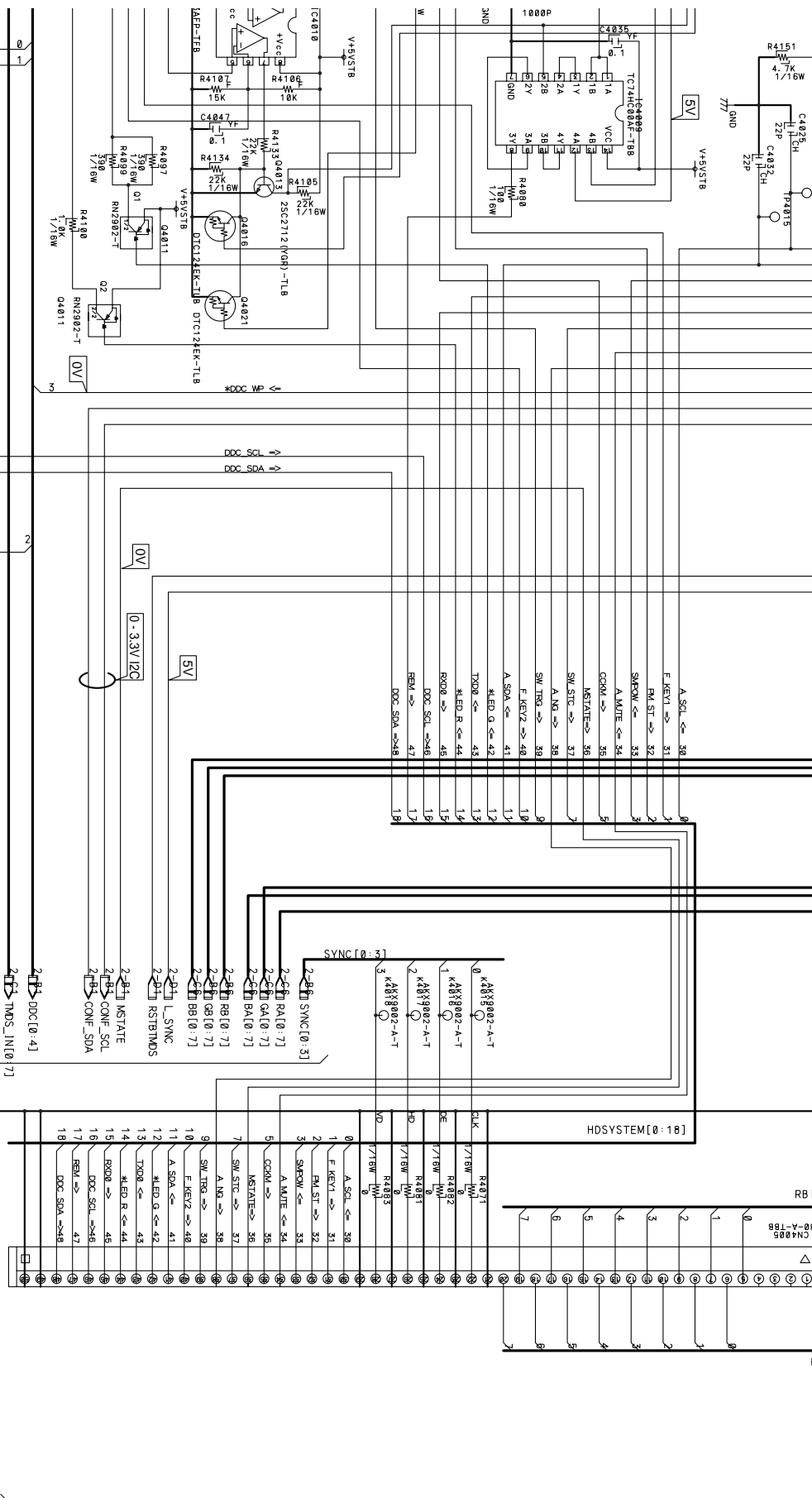
C

Large size
SCH diagram

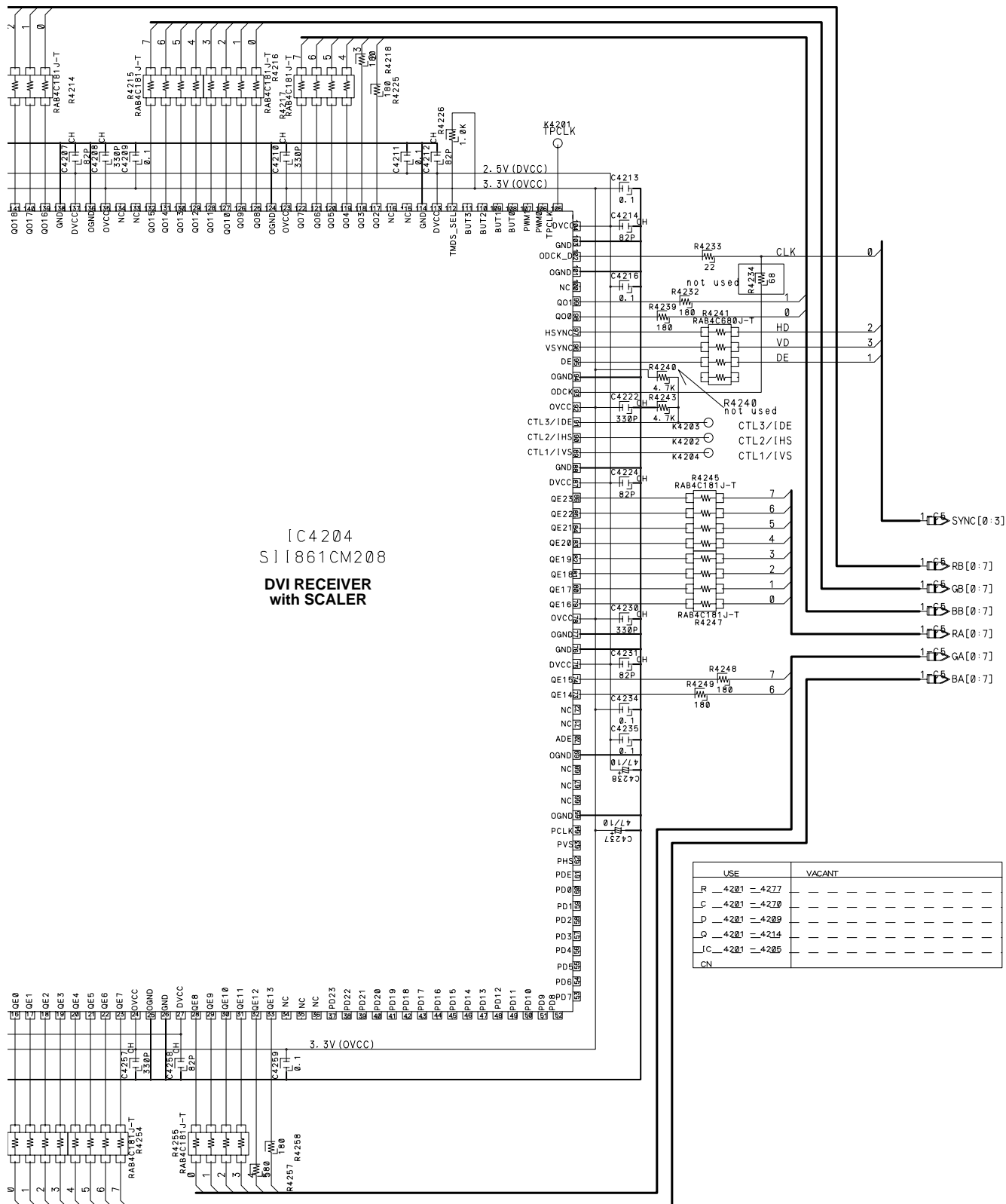
1/2

2/2

1/2

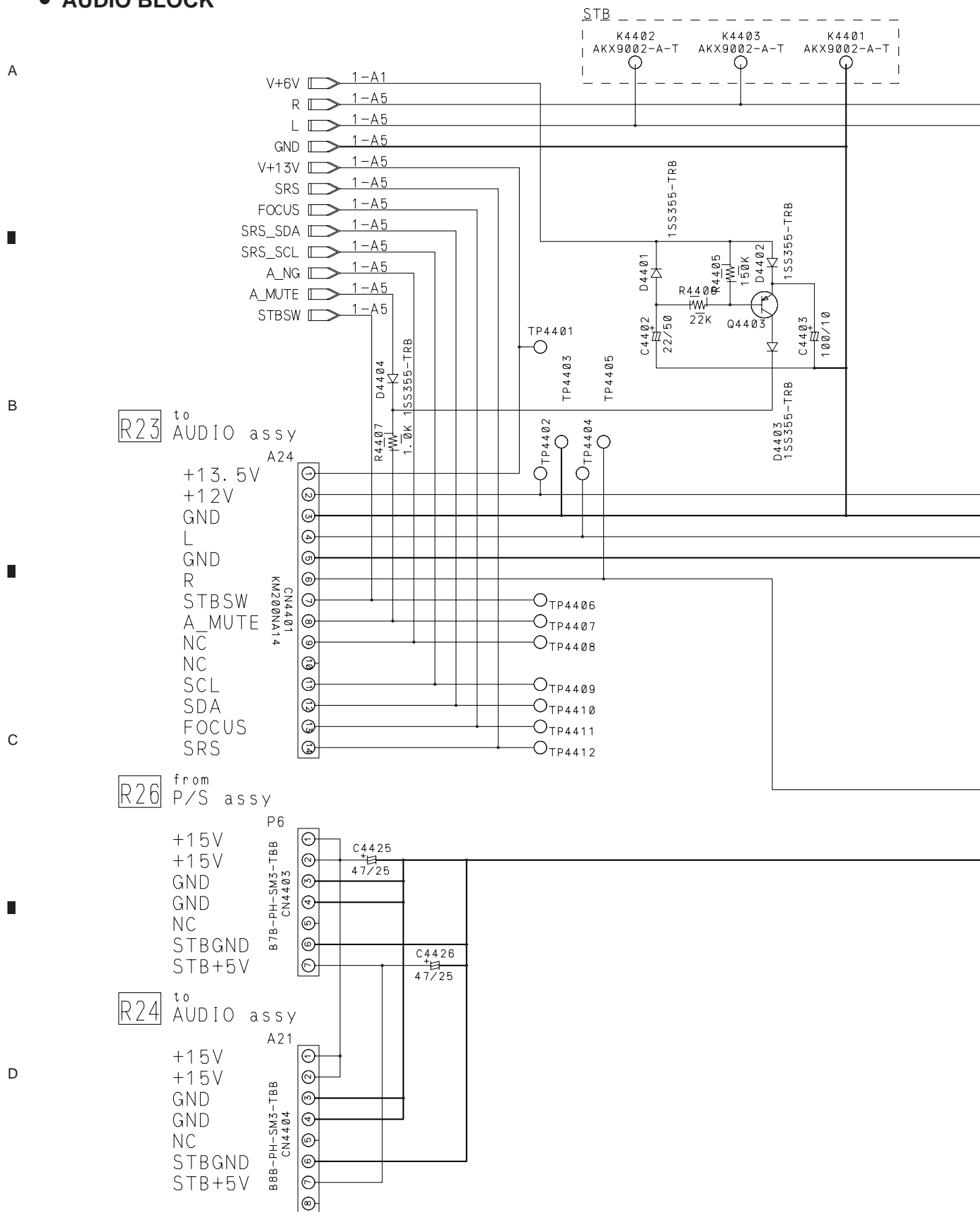


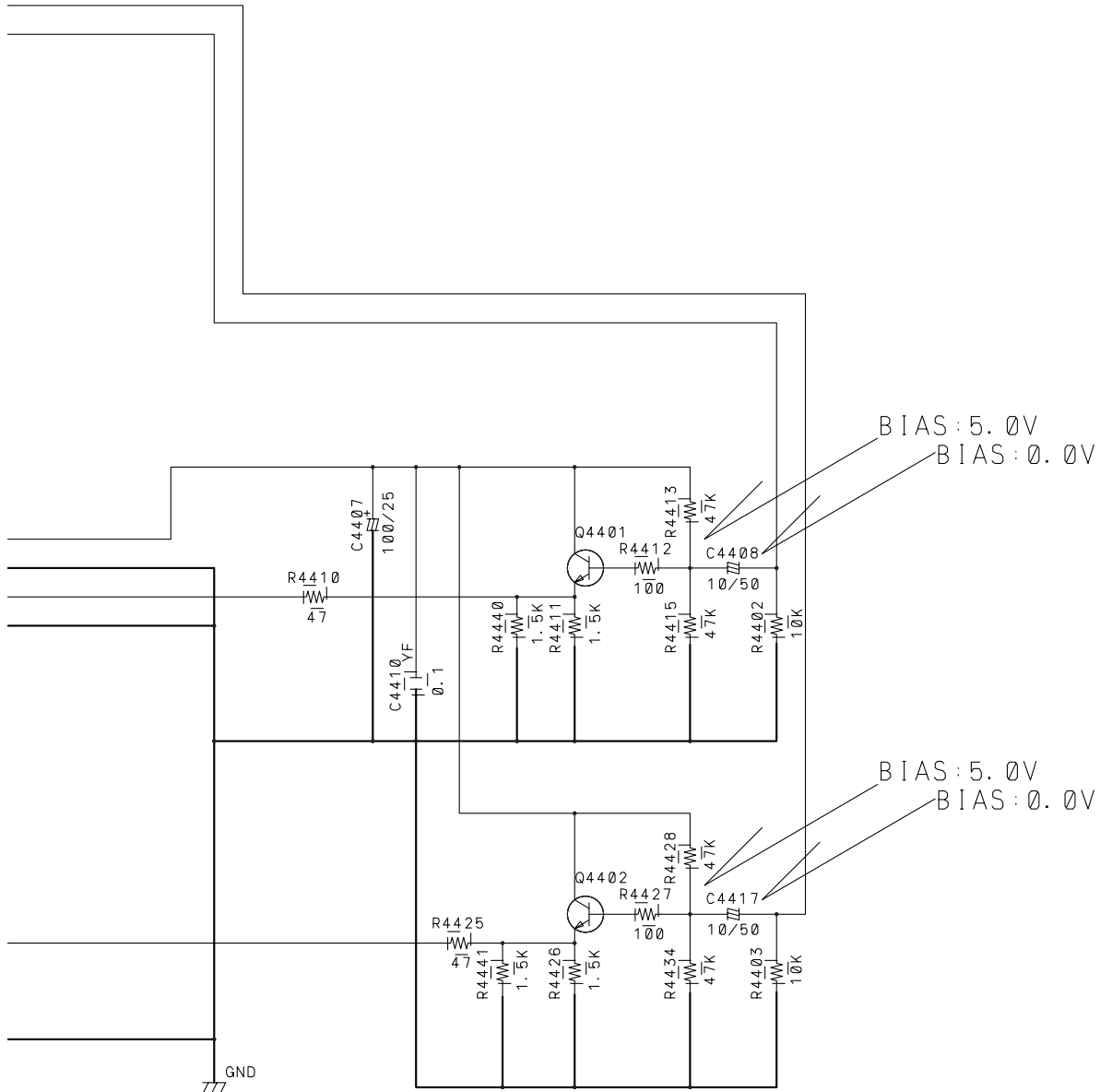




MR INTERFACE ASSY (3/3)

● AUDIO BLOCK





USE	VACANT
R_4401 - 4415	4404, 08, 09, 14
C_4401 - 4410	4401, 04, 05, 06, 09
D_4401 - 4404	
Q_4401 - 4403	
IC	
CN_4401 - 4404	4402

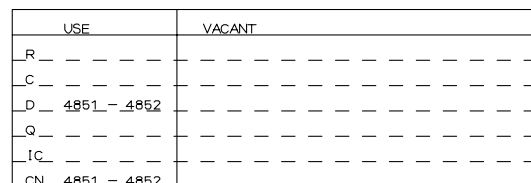
B

C

D



KL21



15,

IC5202 (CXA2021S)

No.	Voltage (V)	No.	Voltage (V)
1	5.9	12	5.25
2	0	13	1.73
3	5.95	14	5.95
4	5.94	15	5.92
5	5.98	16	5.91
6	6.02	17	5.93
7	6.02	18	5.92
8	7.38	19	5.94
9	5.95	20	5.95
10	1.55	21	11.91
11	5.24	22	5.9

IC5201 (NJM2193L)

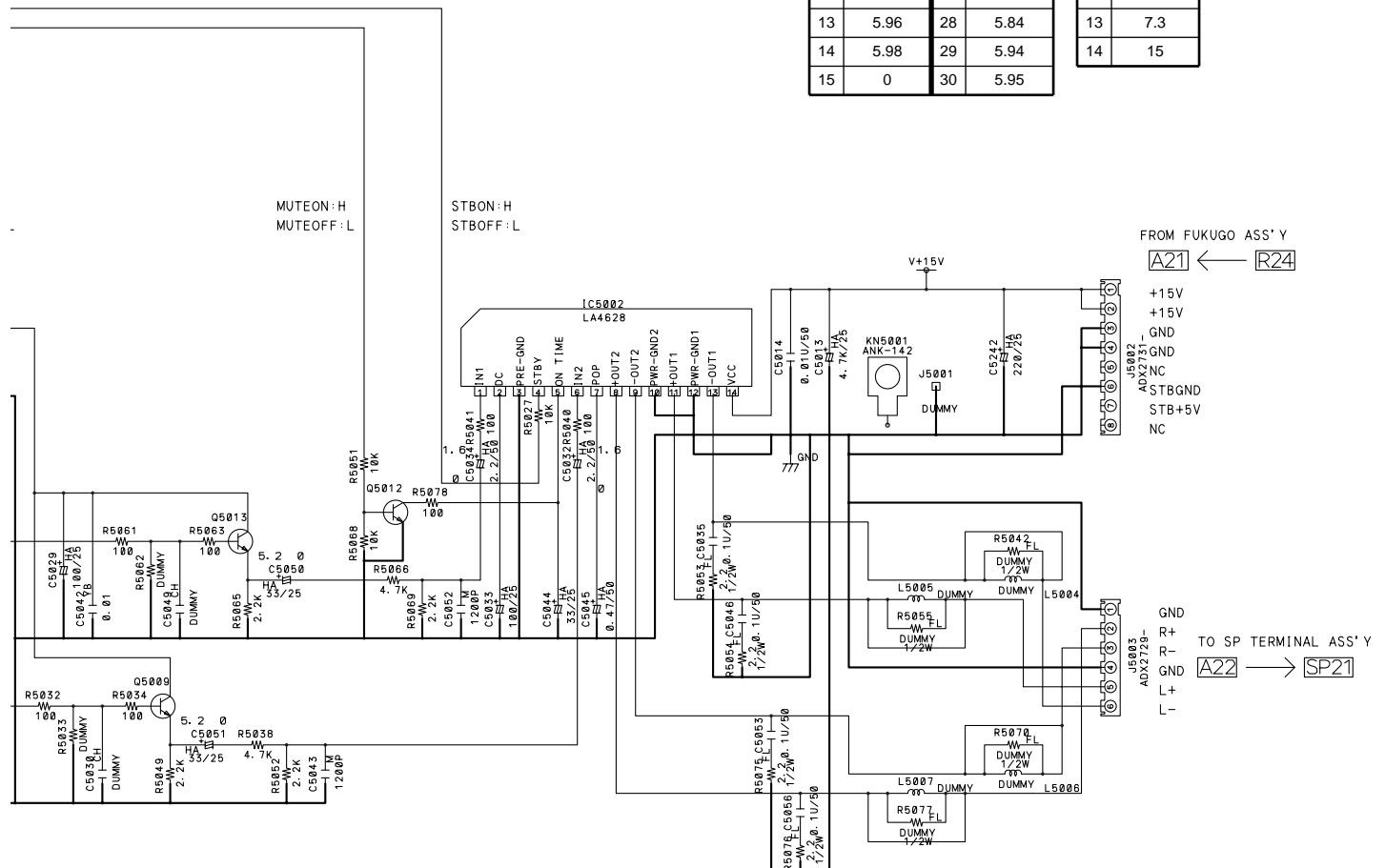
No.	Voltage (V)	No.	Voltage (V)
1	5.95	16	11.91
2	5.94	17	0
3	5.84	18	0
4	5.98	19	5.98
5	5.98	20	5.91
6	5.97	21	5.97
7	5.98	22	5.98
8	5.98	23	5.98
9	5.98	24	5.98
10	5.97	25	5.97
11	5.97	26	5.98
12	5.98	27	5.98
13	5.96	28	5.84
14	5.98	29	5.94
15	0	30	5.95

IC5002 (LA4628)

No.	Voltage (V)
1	1.6
2	7.5
3	0
4	3.37
5	2.29
6	1.6
7	1.97
8	7.3
9	7.3
10	0
11	7.3
12	0
13	7.3
14	15

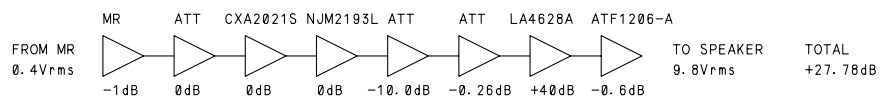
A

B



C

AUDIO GAIN MAP (STD)



D

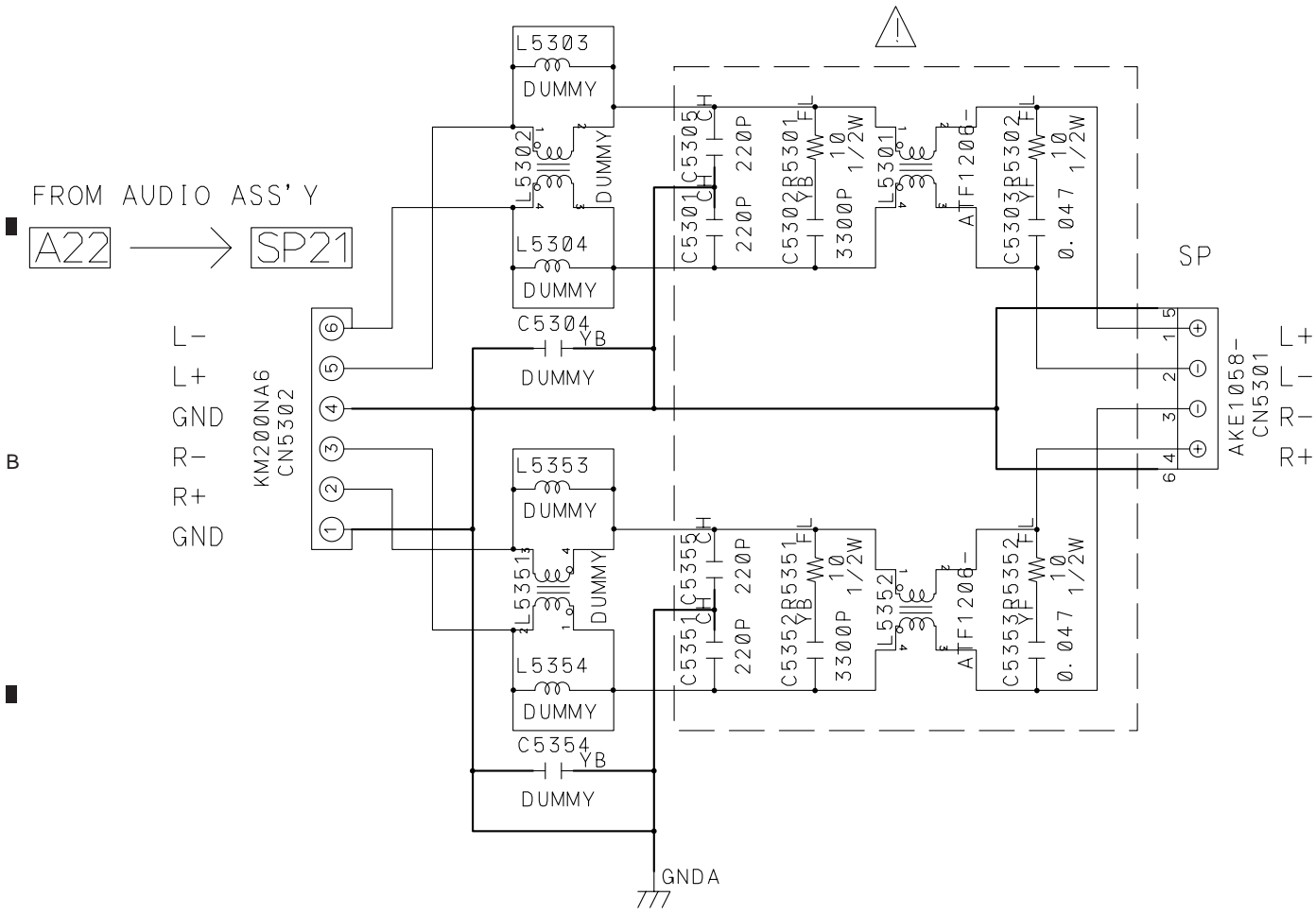
SP TERMINAL ASSY

A

B

C

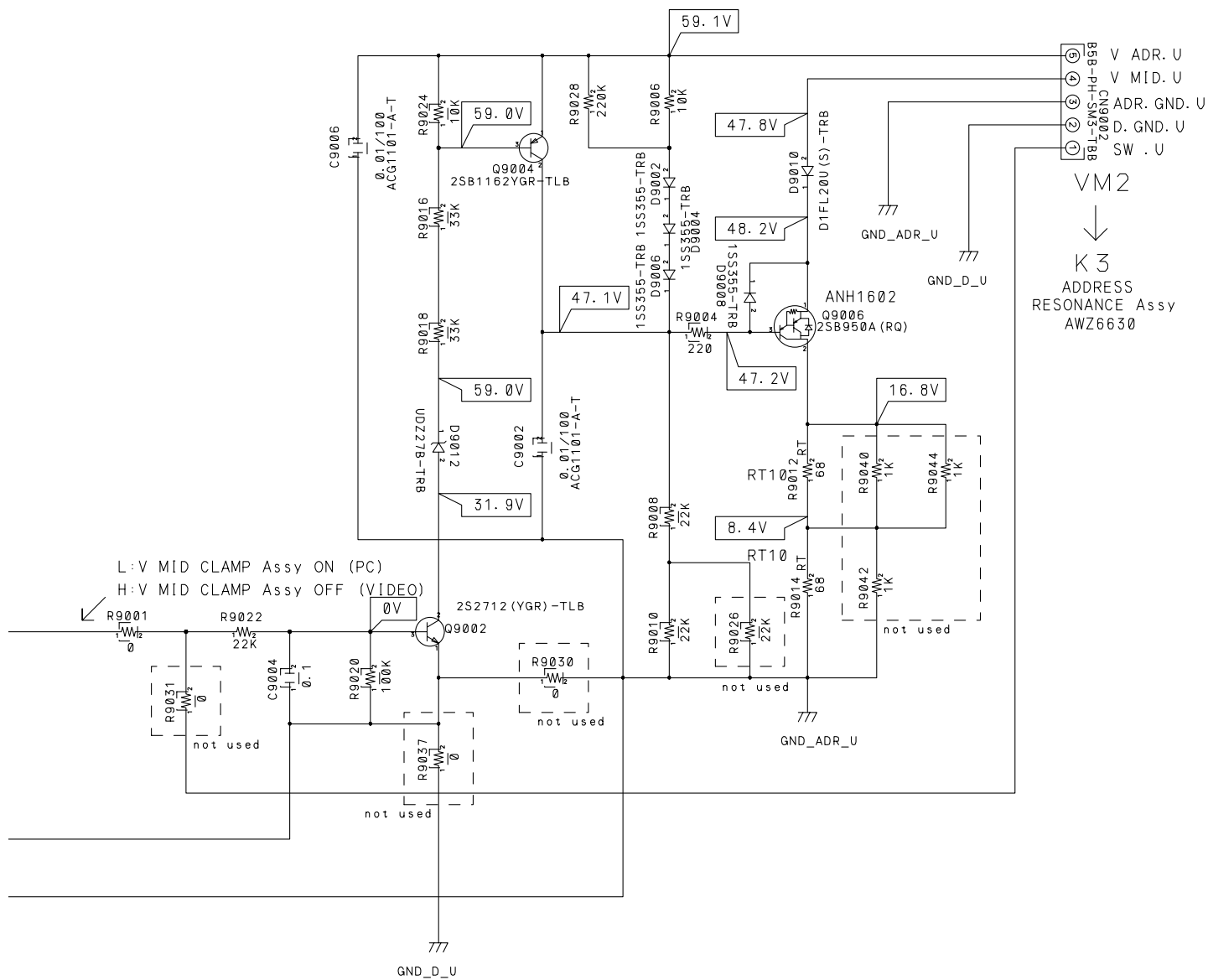
D



USED VACANT

C	5301-5355	5306-5350,
CN	5301-5302	
L	5301-5354	5305-5350,
R	5301-5352	5303-5350,

A

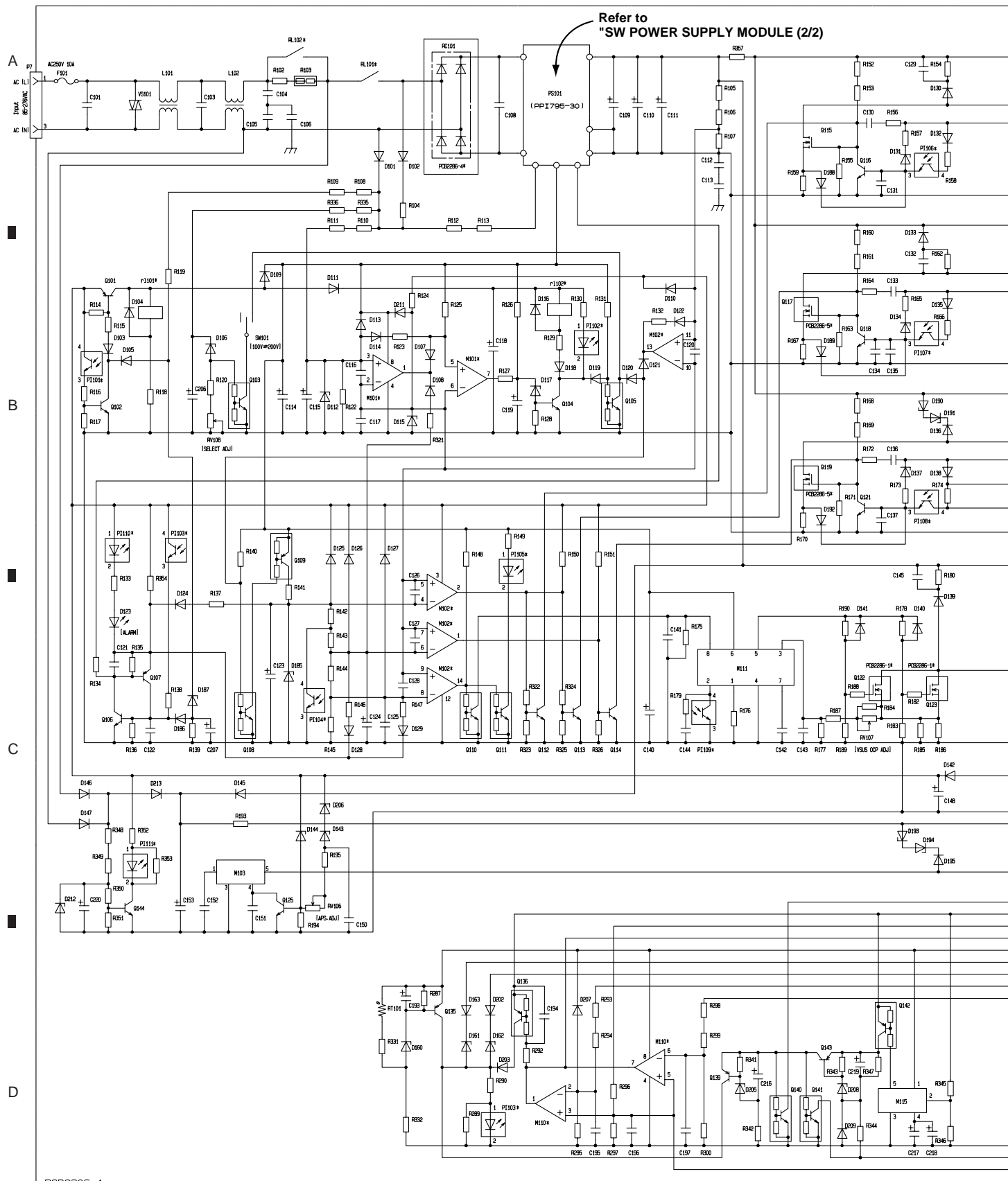


B

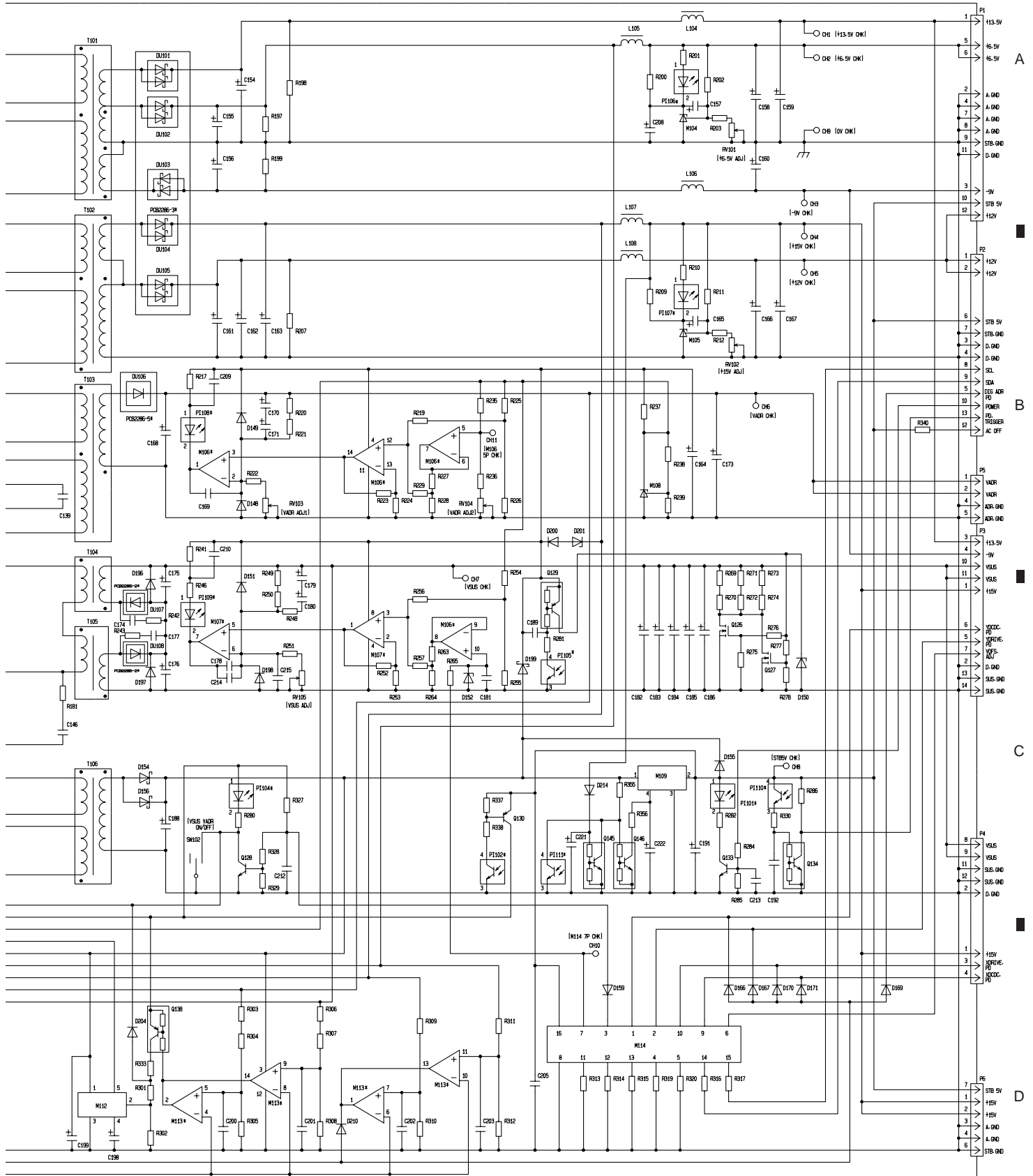
C

D

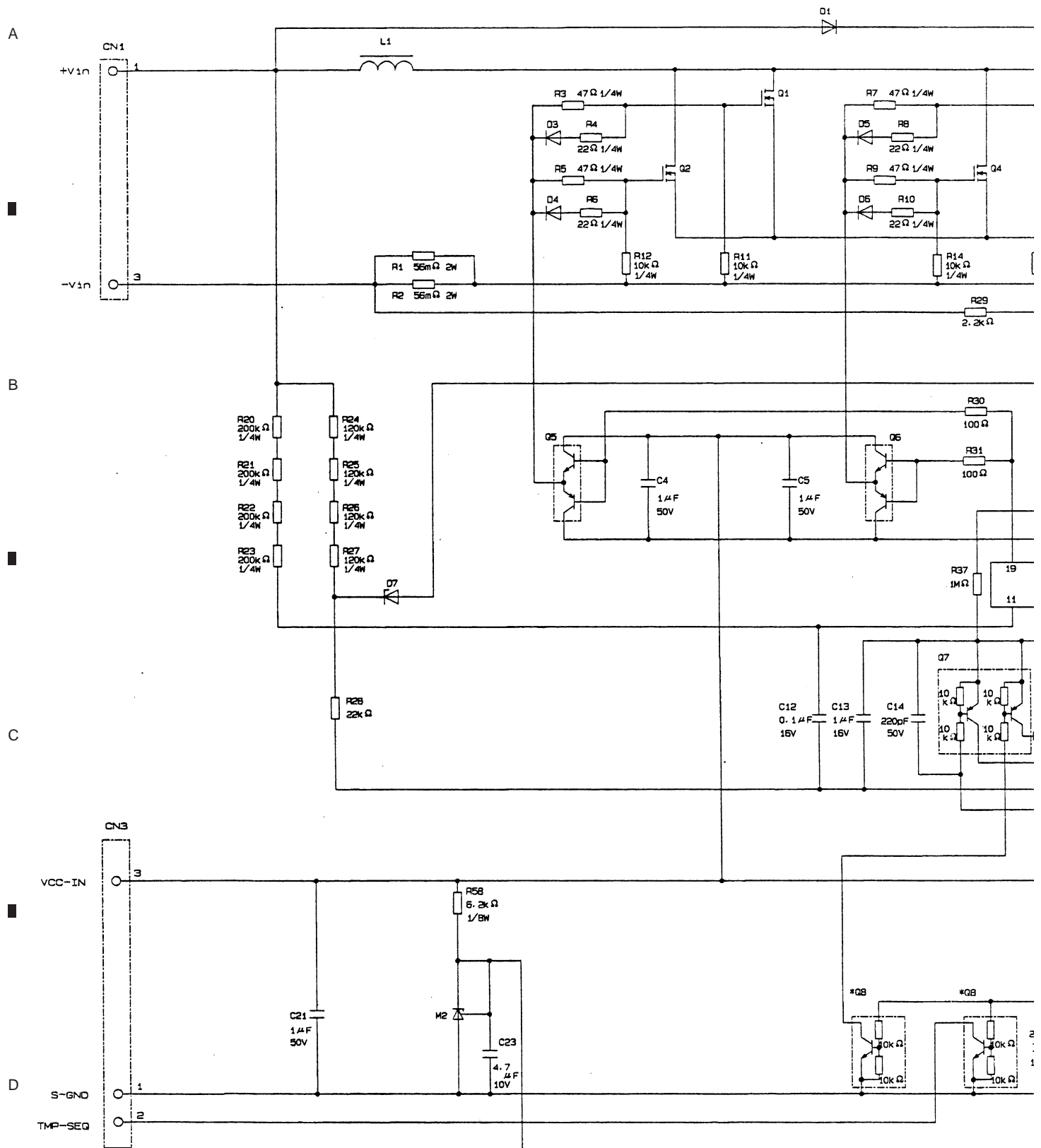
SW POWER SUPPLY MODULE (1/2)

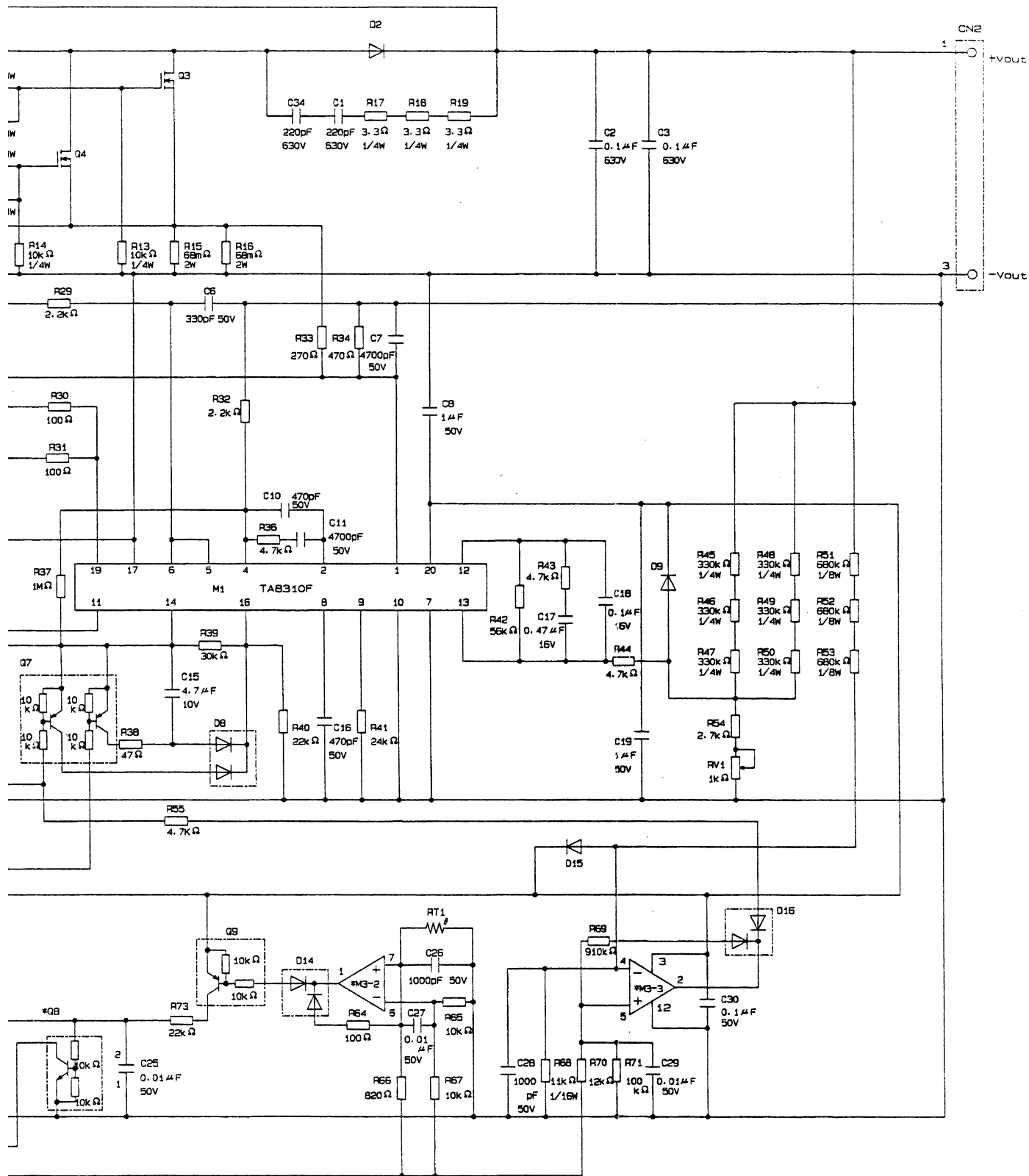


* The symbol in () indicates the symbol on the part.
* The symbol in * indicates the same case on the part.



SW POWER SUPPLY MODULE (2/2)


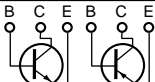

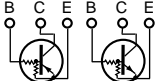

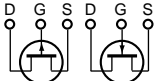

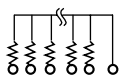






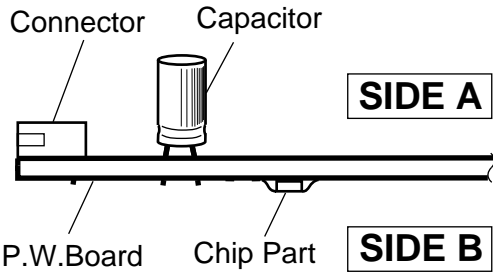
PRINTED WIRING BOARD ASSEMBLIES

NOTE FOR PWB DIAGRAMS :

- 1. Part numbers in PWB diagrams match those in the schematic diagrams.
- 2. A comparison between the main parts of PWB and schematic diagrams is shown below.

Symbol In PWB Diagrams	Symbol In Schematic Diagrams	Part Name
		Transistor
		Transistor with resistor
		Field effect transistor
		Resistor array
		3-terminal regulator

- 3. The parts mounted on this PWB include all necessary parts for several destinations.
For further information for respective destinations, be sure to check with the schematic diagram.
- 4. View point of PWB diagrams.



X CONNECTOR A and B ASSYS

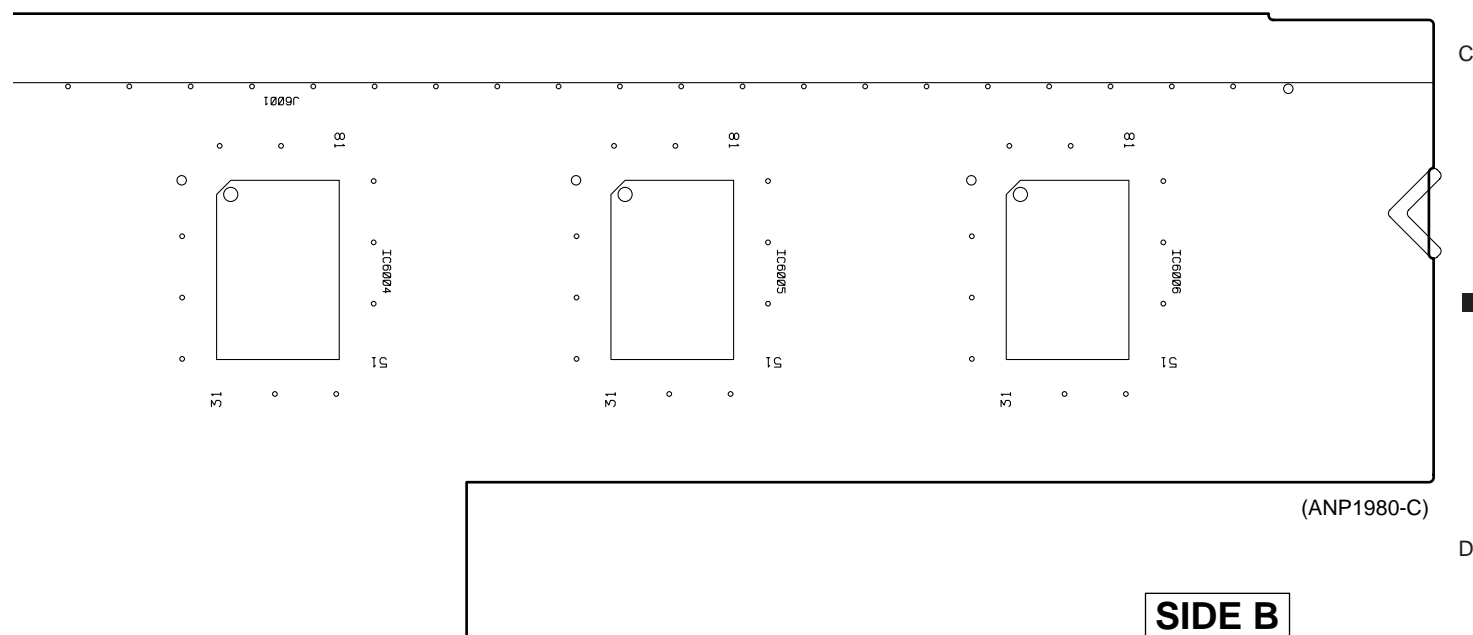
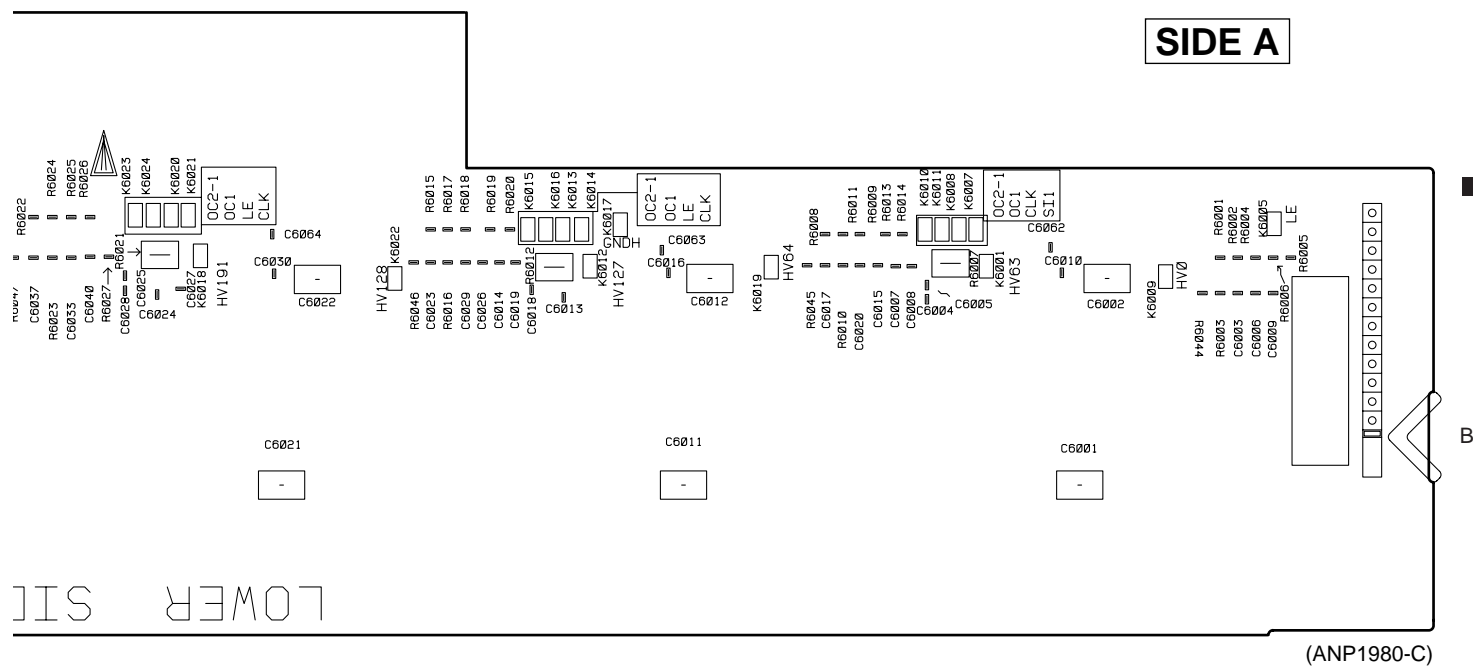
X CONNECTOR B
ASSY

X CONNECTOR A
ASSY

SIDE B

(ANP1980-C)

SIDE B





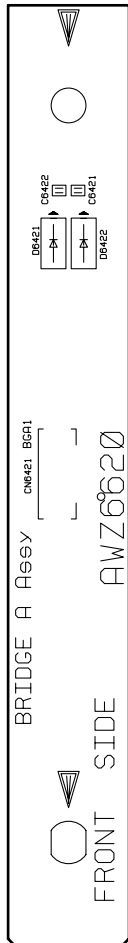
(ANP1980-C)



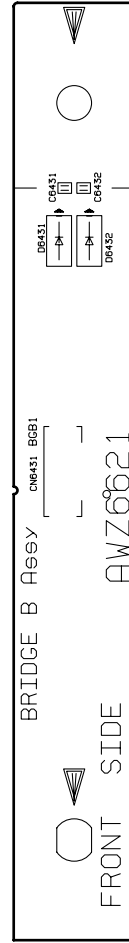
BRIDGE A - D and CLAMP A - D ASSYS

A

BRIDGE A ASSY



BRIDGE B ASSY



BRIDGE C ASSY



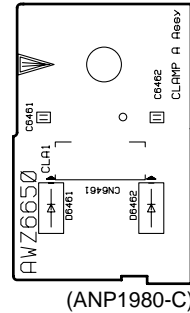
BRIDGE D ASSY



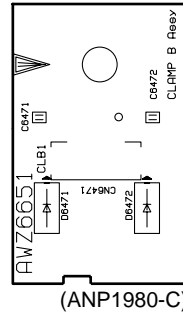
B

C

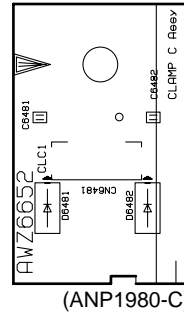
CLAMP A ASSY



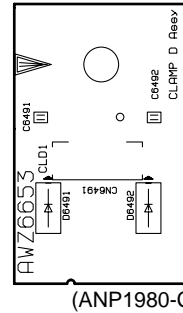
CLAMP B ASSY



CLAMP C ASSY



CLAMP D ASSY



D

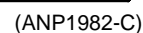
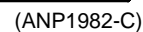
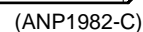
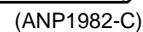
SIDE A

A



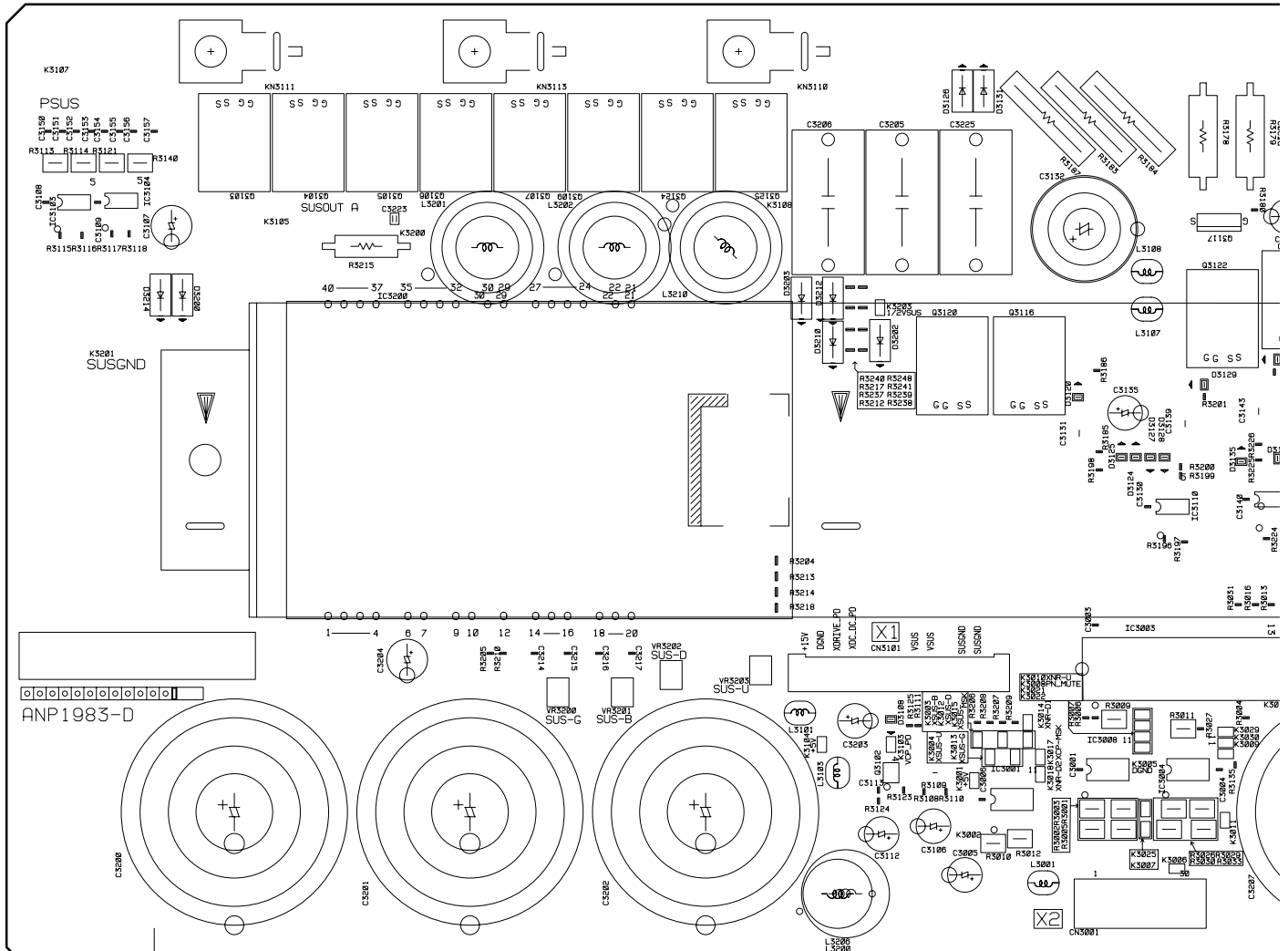
C

D

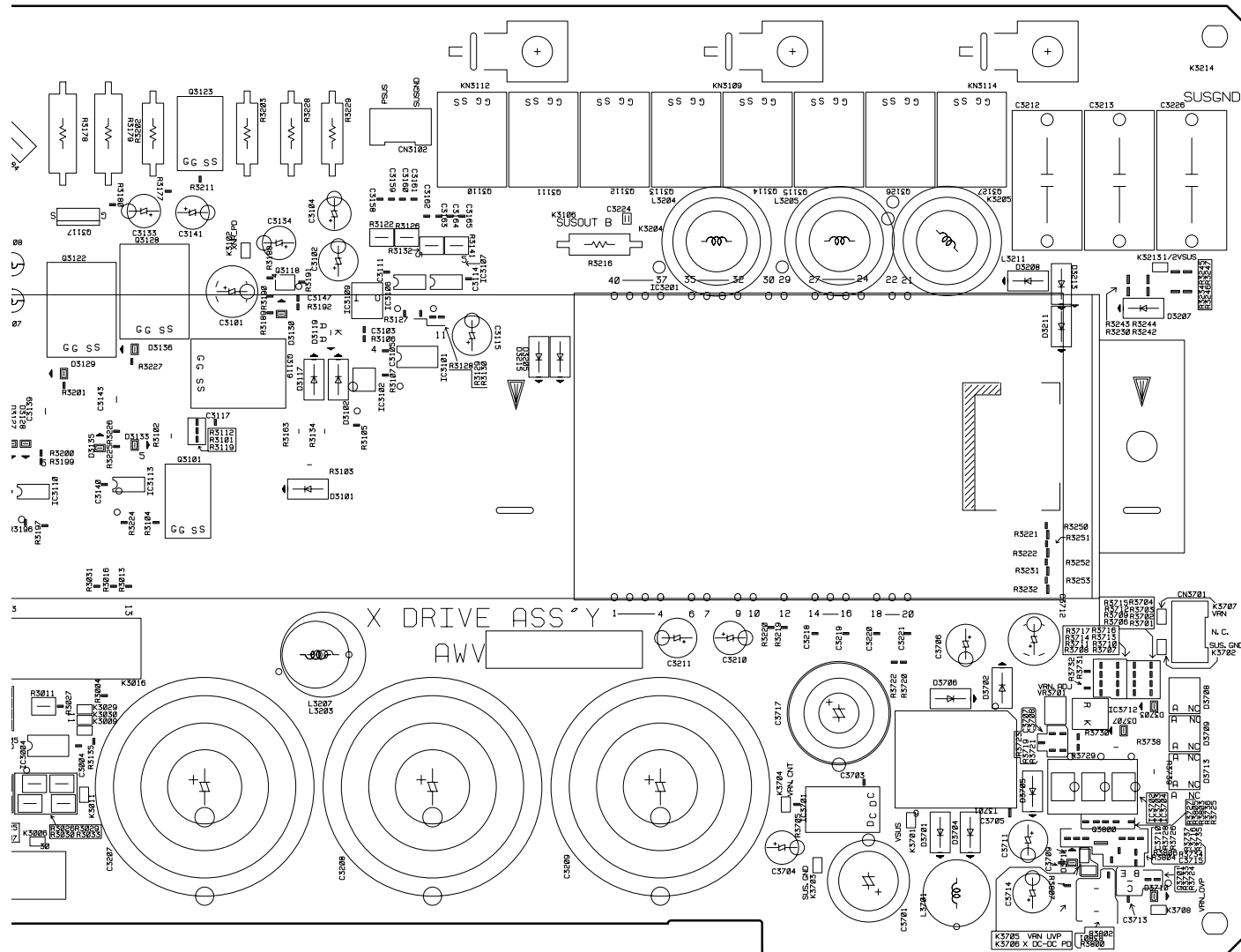


A

B



D



(ANP1983-D)

SIDE A

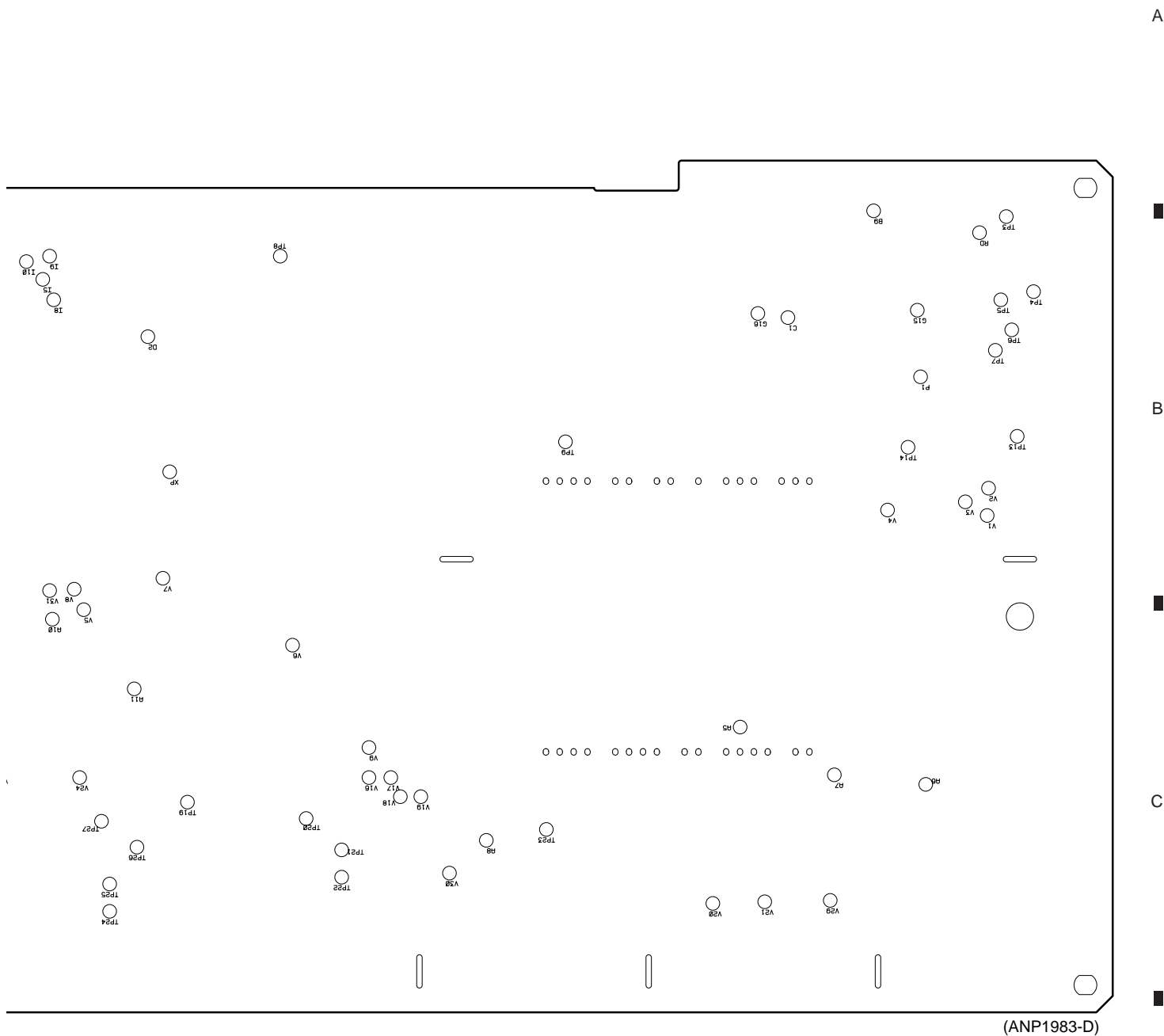
A

X DRIVE ASSY

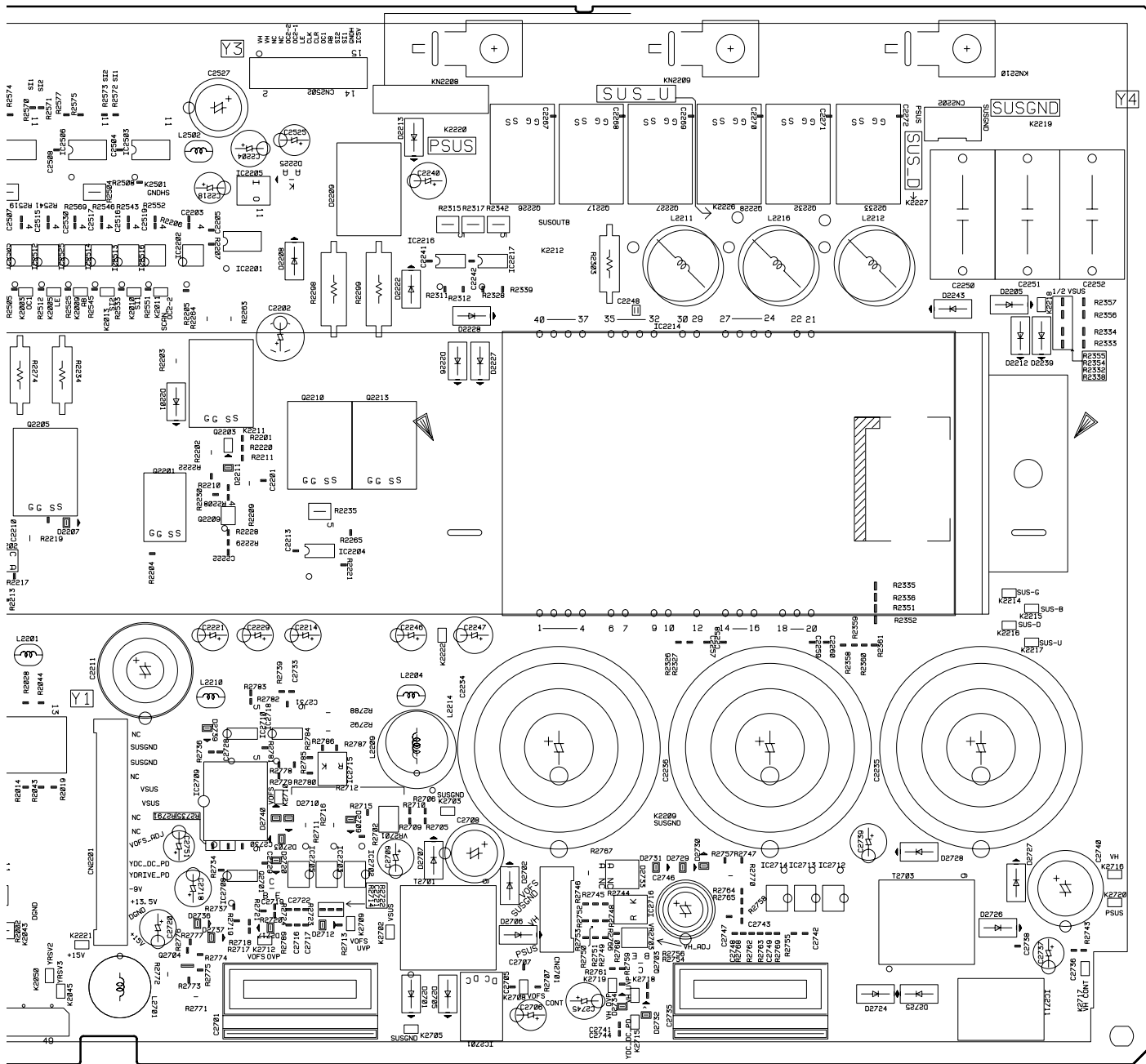
B

C

D

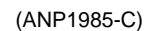


SIDE B



(ANP1984-C)

SIDE A



195

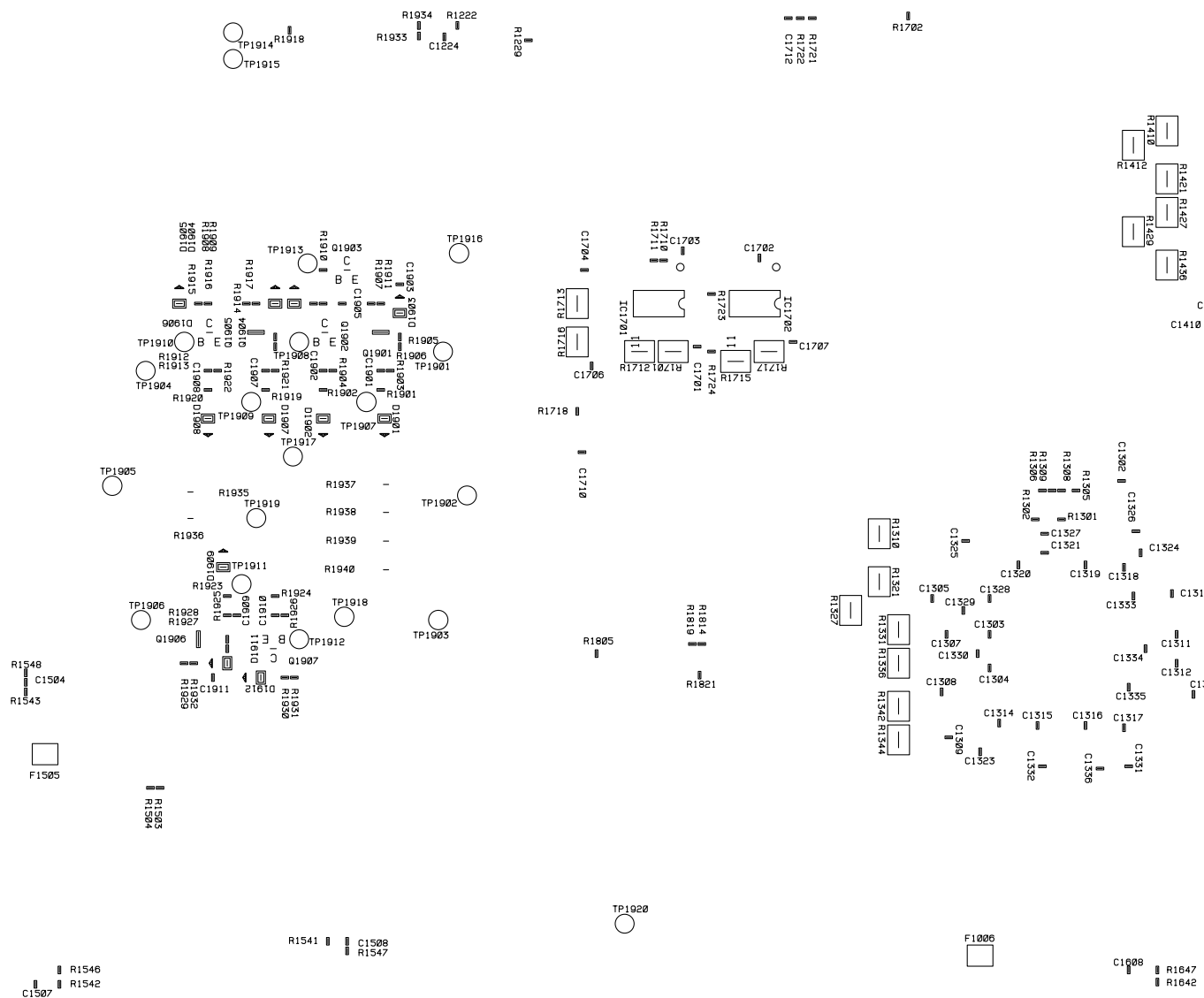
A

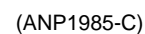
DIGITAL VIDEO ASSY

B

C

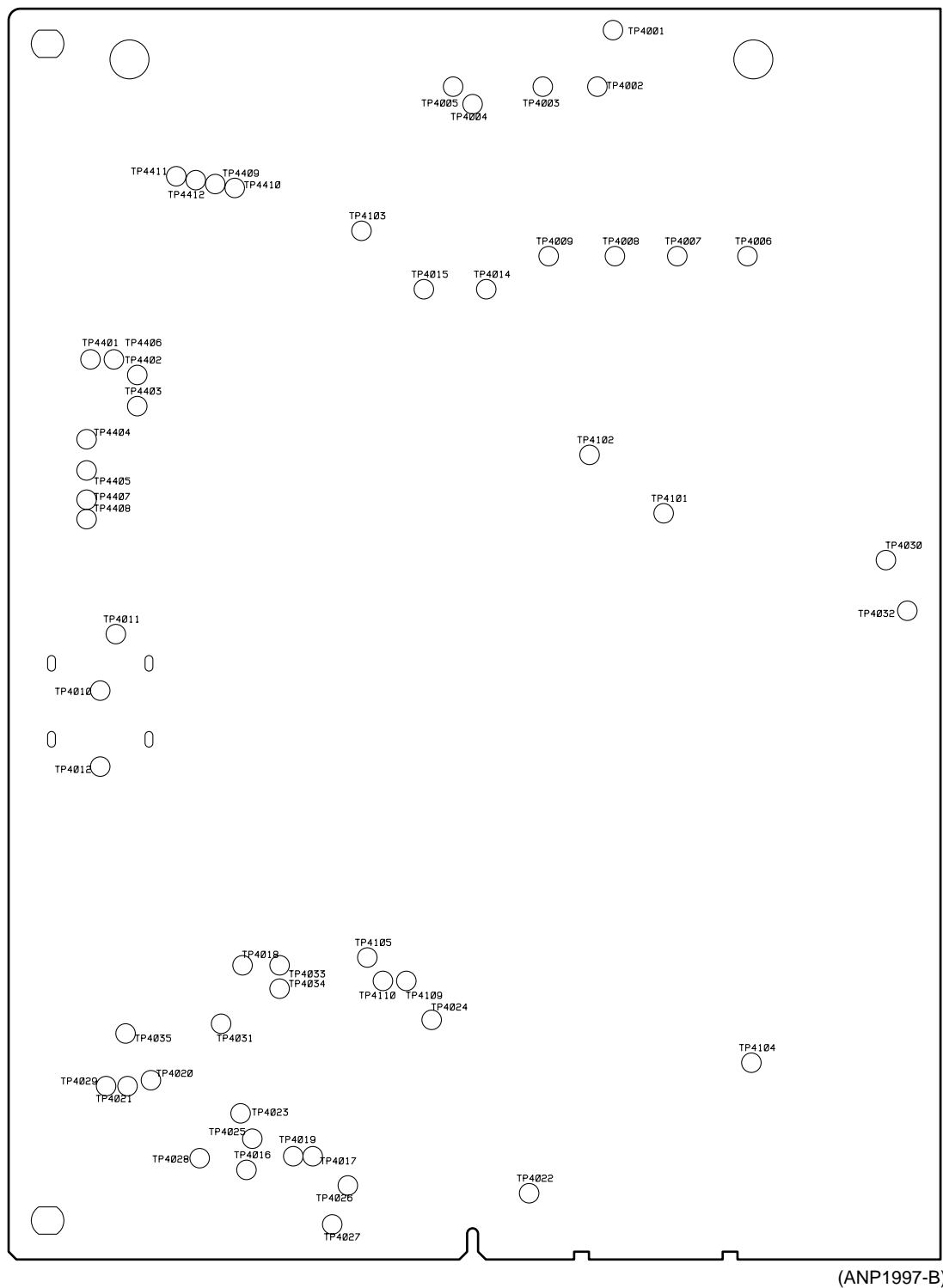
D





197

MR INTERFACE ASSY

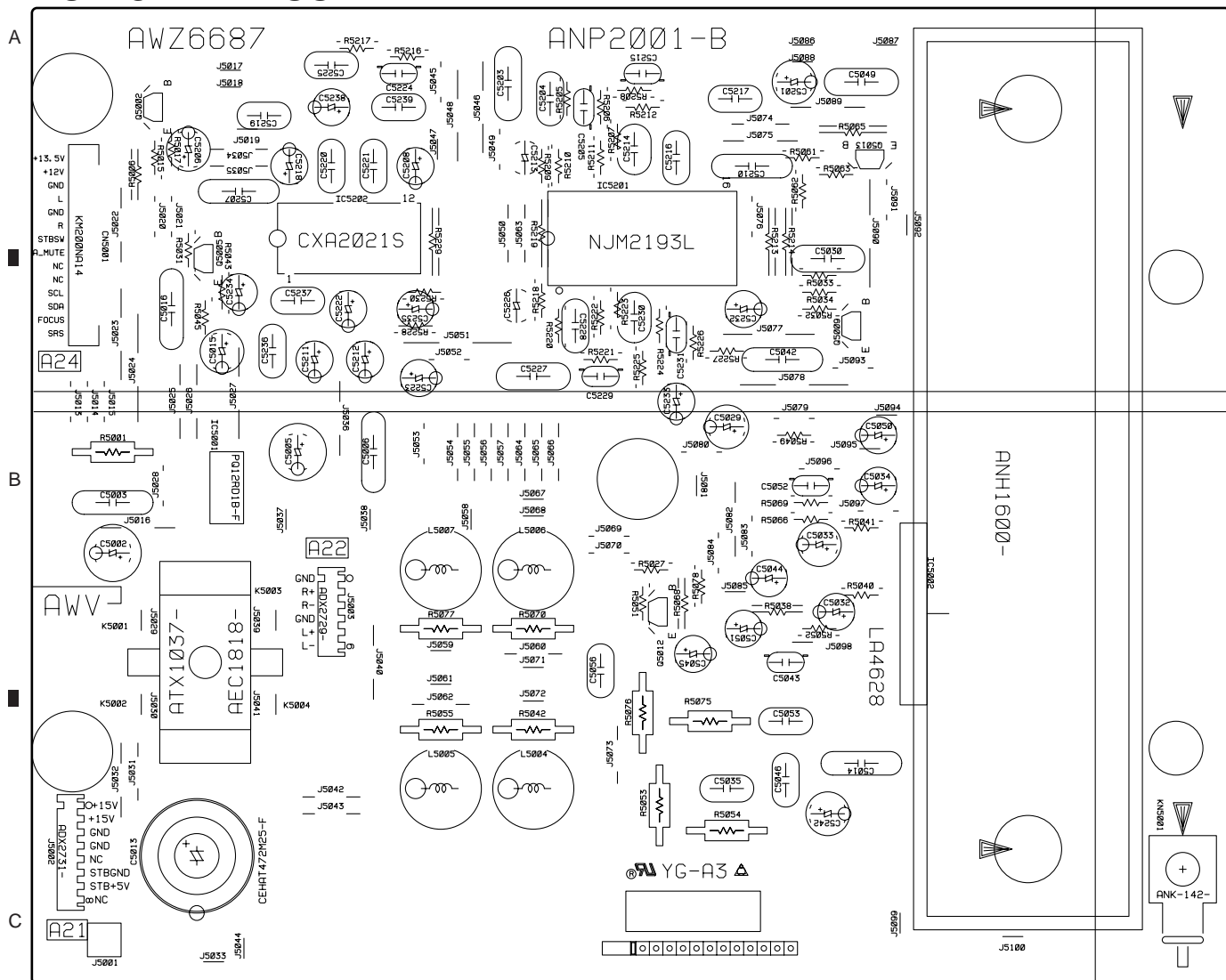


SIDE B

AUDIO AMP and SP TERMINAL ASSYS

AUDIO AMP ASSY

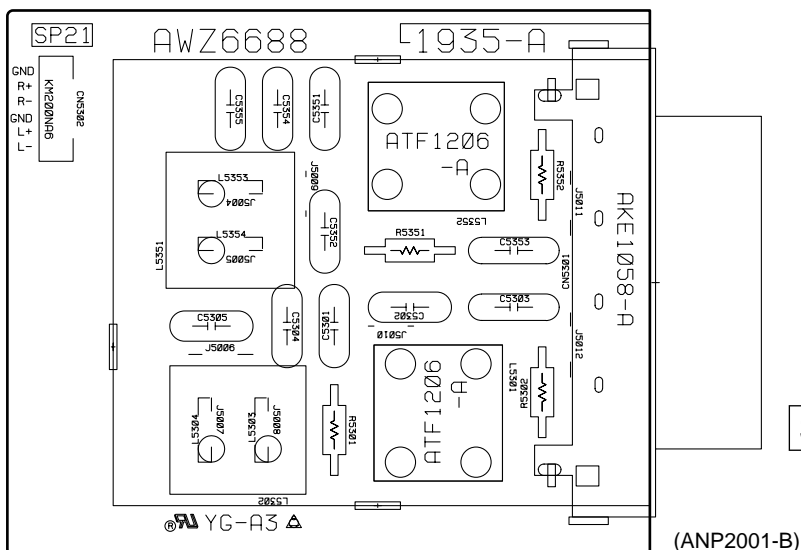
SIDE A



(ANP2001-B)

SP TERMINAL ASSY

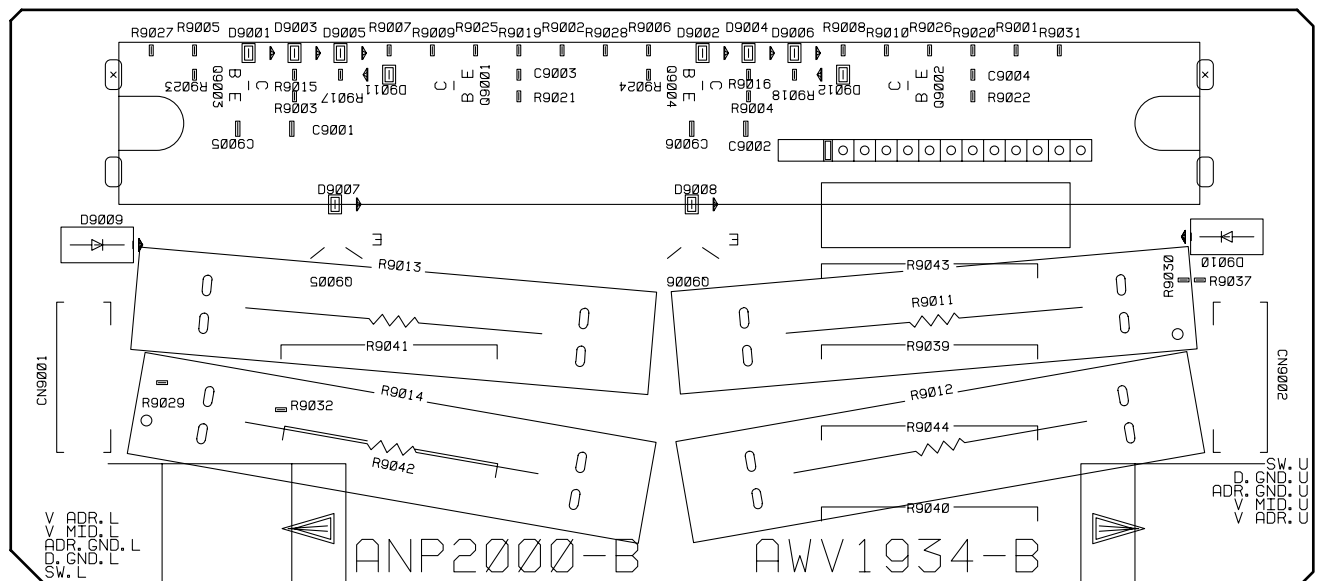
SIDE A



(ANP2001-B)

V MID CLAMP ASSY

V MID CLAMP ASSY



(ANP2000-B)

SIDE A

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "△" in the Replacement Parts Lists.

The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |
| 5. CODE | 6. QUANTITY |

NOTES

- Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
- The △ mark found on some component parts indicates the importance of the safety factor of the part.
Therefore, when replacing, be sure to use parts of identical designation.

in **USA**: Contact your nearest SHARP Parts Distributor.
For location of SHARP Parts Distributor,
Please call Toll-Free; 1-800-BE-SHARP

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100.

MARK ★: SPARE PARTS-DELIVERY SECTION

Mark	Ref. No.	Part No.	★	Description	Code
PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)					
NSP		9GJAWV1898	—	SCAN FUKUGO ASSY	—
NSP		9GJAWZ6616	—	SCAN (A) ASSY	—
NSP		9GJAWZ6617	—	SCAN (B) ASSY	—
NSP		9GJAWZ6618	—	X CONNECTOR (A) ASSY	—
NSP		9GJAWZ6619	—	X CONNECTOR (B) ASSY	—
		9GJAWZ6620	—	BRIDGE A ASSY	—
		9GJAWZ6621	—	BRIDGE B ASSY	—
		9GJAWZ6622	—	BRIDGE C ASSY	—
		9GJAWZ6623	—	BRIDGE D ASSY	—
		9GJAWZ6650	—	CLAMP A ASSY	—
		9GJAWZ6651	—	CLAMP B ASSY	—
		9GJAWZ6652	—	CLAMP C ASSY	—
		9GJAWZ6653	—	CLAMP D ASSY	—
NSP		9GJAWV1900	—	ADDRESS FUKUGO ASSY	—
NSP		9GJAWZ6626	—	ADR CONNECT A ASSY	—
NSP		9GJAWZ6627	—	ADR CONNECT B ASSY	—
NSP		9GJAWZ6628	—	ADR CONNECT C ASSY	—
NSP		9GJAWZ6629	—	ADR CONNECT D ASSY	—
		9GJAWZ6691	—	ADR RESONANCE ASSY	—
		9GJAWV1901	—	X DRIVE ASSY	—
		9GJAWV1925	—	HD Y DRIVE ASSY	—
		9GJAWZ6645	—	Y DRIVE ASSY	—
		9GJAWZ6689	—	SUB ADDRESS A ASSY	—
		9GJAWZ6690	—	SUB ADDRESS B ASSY	—
		9GJAWV1903	—	DIGITAL VIDEO ASSY	—
NSP		9GJAWV1956	—	HD FUKUGO ASSY	—
		9GJAWZ6694	J	MR INTERFACE ASSY	BS
		9GJAWZ6655	—	LED ASSY	—
		9GJAWZ6656	—	FRONT KEY ASSY	—
		9GJAWZ6657	—	FRONT KEY CONN ASSY	—
		9GJAWZ6659	—	IR RECEIVE (P) ASSY	—
		9GJAWZ6660	—	SENSOR ASSY	—
NSP		9GJAWV1935	—	HD AUDIO ASSY	—
		9GJAWZ6687	—	AUDIO AMP ASSY	—
		9GJAWZ6688	—	SP TERMINAL ASSY	—
NSP		9GJAWV1934	—	V MID CLAMP ASSY	—
		9GJAXY1055	J	SW POWER MODULE CP (Unit Replacement Item)	—

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6616 SCAN (A) ASSY					
INTEGRATED CIRCUITS					
	IC6001	9GJSN755860PJ	J	Scan IC	BH
	IC6002	9GJSN755860PJ	J	Scan IC	BH
	IC6003	9GJSN755860PJ	J	Scan IC	BH
	IC6004	9GJSN755860PJ	J	Scan IC	BH
	IC6005	9GJSN755860PJ	J	Scan IC	BH
	IC6006	9GJSN755860PJ	J	Scan IC	BH
CAPACITORS					
	C6001	9GJACG1088	J	0.1 250V Ceramic	AL
	C6002	9GJACG1088	J	0.1 250V Ceramic	AL
	C6003	9GJCCSRCH390J5	J	39p 50V Ceramic	AD
	C6004	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6005	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6006	9GJCCSRCH390J5	J	39p 50V Ceramic	AD
	C6007	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6008	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6009	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6010	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6011	9GJACG1088	J	0.1 250V Ceramic	AL
	C6012	9GJACG1088	J	0.1 250V Ceramic	AL
	C6013	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6014	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6015	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6016	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6017	9GJCCSRCH390J5	J	39p 50V Ceramic	AD
	C6018	9GJCCSRCH390J5	J	39p 50V Ceramic	AD
	C6019	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6020	9GJCCSRCH390J5	J	39p 50V Ceramic	AD
	C6021	9GJACG1088	J	0.1 250V Ceramic	AL
	C6022	9GJACG1088	J	0.1 250V Ceramic	AL
	C6023	9GJCCSRCH390J5	J	39p 50V Ceramic	AD
	C6024	9GJCCSRCH390J5	J	39p 50V Ceramic	AD
	C6025	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6026	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6027	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6028	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6029	9GJCCSRCH390J5	J	39p 50V Ceramic	AD
	C6030	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6031	9GJACG1088	J	0.1 250V Ceramic	AL
	C6032	9GJACG1088	J	0.1 250V Ceramic	AL
	C6033	9GJCCSRCH390J5	J	39p 50V Ceramic	AD
	C6034	9GJCCSRCH390J5	J	39p 50V Ceramic	AD

Mark Ref. No. Part No. ★ Description Code

9GJAWZ6616
SCAN (A) ASSY (Continued)

C6035	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6036	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6037	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6038	9GJCCSRCH151J5	J	150p	50V	Ceramic(chip)	AD
C6039	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6040	9GJCCSRCH151J5	J	150p	50V	Ceramic(chip)	AD
C6041	9GJACG1088	J	0.1	250V	Ceramic	AL
C6042	9GJACG1088	J	0.1	250V	Ceramic	AL
C6043	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6044	9GJCCSRCH151J5	J	150p	50V	Ceramic(chip)	AD
C6045	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6046	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6047	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6048	9GJCCSRCH151J5	J	150p	50V	Ceramic(chip)	AD
C6049	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6050	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6051	9GJACG1088	J	0.1	250V	Ceramic	AL
C6052	9GJACG1088	J	0.1	250V	Ceramic	AL
C6053	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6054	9GJCCSRCH151J5	J	150p	50V	Ceramic(chip)	AD
C6055	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6056	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6057	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6058	9GJCCSRCH151J5	J	150p	50V	Ceramic(chip)	AD
C6059	9GJCCSRCH151J5	J	150p	50V	Ceramic(chip)	AD
C6060	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6061	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6062	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6063	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6064	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6065	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6066	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD

RESISTORS

R6001	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6004	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6006	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6007	9GJRAB4C221J	J			Resistor Array	AL
R6008	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6011	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6012	9GJRAB4C221J	J			Resistor Array	AL
R6014	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6015	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6017	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6020	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6021	9GJRAB4C221J	J			Resistor Array	AL
R6022	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6024	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6027	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6028	9GJRAB4C221J	J			Resistor Array	AL
R6029	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6031	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6032	9GJRAB4C221J	J			Resistor Array	AL
R6035	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6036	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6037	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6040	9GJRAB4C221J	J			Resistor Array	AL
R6041	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6043	9GJRS1/16S221J	J	220	1/16W	Chip	AC

MISCELLANEOUS PARTS

CN6001	9GJAKP1218	J			Connector, 15-pin	AL
--------	------------	---	--	--	-------------------	----

Mark Ref. No. Part No. ★ Description Code

9GJAWZ6617
SCAN (B) ASSY**INTEGRATED CIRCUITS**

IC6201	9GJSN755860PJ	J			Scan IC	BH
IC6202	9GJSN755860PJ	J			Scan IC	BH
IC6203	9GJSN755860PJ	J			Scan IC	BH
IC6204	9GJSN755860PJ	J			Scan IC	BH
IC6205	9GJSN755860PJ	J			Scan IC	BH
IC6206	9GJSN755860PJ	J			Scan IC	BH

CAPACITORS

C6201	9GJACG1088	J	0.1	250V	Ceramic	AL
C6202	9GJACG1088	J	0.1	250V	Ceramic	AL
C6203	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6204	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6205	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6206	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6207	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6208	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6209	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6210	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6211	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6212	9GJACG1088	J	0.1	250V	Ceramic	AL
C6213	9GJACG1088	J	0.1	250V	Ceramic	AL
C6214	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6215	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6216	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6217	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6218	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6219	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6220	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6221	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6222	9GJACG1088	J	0.1	250V	Ceramic	AL
C6223	9GJACG1088	J	0.1	250V	Ceramic	AL
C6224	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6225	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6226	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6227	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6228	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6229	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6230	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6231	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6232	9GJACG1088	J	0.1	250V	Ceramic	AL
C6233	9GJACG1088	J	0.1	250V	Ceramic	AL
C6234	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6235	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6236	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6237	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6238	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6239	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6240	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6241	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6242	9GJACG1088	J	0.1	250V	Ceramic	AL
C6243	9GJACG1088	J	0.1	250V	Ceramic	AL
C6244	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6245	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6246	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6247	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6248	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6249	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6250	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6251	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6252	9GJACG1088	J	0.1	250V	Ceramic	AL
C6253	9GJACG1088	J	0.1	250V	Ceramic	AL
C6254	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6255	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6256	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6257	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6258	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6259	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6260	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6261	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWZ6617

SCAN (B) ASSY (Continued)

C6262	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6263	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6264	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6266	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6565	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD

RESISTORS

R6203	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6205	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6207	9GJRAB4C221J	J			Resistor Array	AL
R6208	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6209	9GJRAB4C221J	J			Resistor Array	AL
R6210	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6214	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6215	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6216	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6220	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6221	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6222	9GJRAB4C221J	J			Resistor Array	AL
R6223	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6227	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6228	9GJRAB4C221J	J			Resistor Array	AL
R6229	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6230	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6232	9GJRAB4C221J	J			Resistor Array	AL
R6235	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6236	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6237	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6239	9GJRAB4C221J	J			Resistor Array	AL
R6240	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6243	9GJRS1/16S221J	J	220	1/16W	Chip	AC

MISCELLANEOUS PARTS

CN6201	9GJAKP1218	J			Conector, 15-pin	AL
--------	------------	---	--	--	------------------	----

9GJAWZ6618

X CONNECTOR (A) ASSY

RESISTORS

R6401	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
-------	----------------	---	---	-------	------	----

9GJAWZ6619

X CONNECTOR (B) ASSY

RESISTORS

R6451	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
-------	----------------	---	---	-------	------	----

9GJAWZ6620

BRIDGE A ASSY

DIODES

D6421	9GJD1FL20U	J			Diode	AG
D6422	9GJD1FL20U	J			Diode	AG

CAPACITORS

C6421	9GJACG1098	J	0.1	100V	Ceramic	AL
C6422	9GJACG1098	J	0.1	100V	Ceramic	AL

MISCELLANEOUS PARTS

CN6421	9GJB4B-PH-SM3	J			PH Connector (SMT)	AN
--------	---------------	---	--	--	--------------------	----

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWZ6621

BRIDGE B ASSY

DIODES

D6431	9GJD1FL20U	J			Diode	AG
D6432	9GJD1FL20U	J			Diode	AG

CAPACITORS

C6431	9GJACG1098	J	0.1	100V	Ceramic	AL
C6432	9GJACG1098	J	0.1	100V	Ceramic	AL

MISCELLANEOUS PARTS

CN6431	9GJB4B-PH-SM3	J			PH Connector (SMT)	AN
--------	---------------	---	--	--	--------------------	----

9GJAWZ6622

BRIDGE C ASSY

DIODES

D6441	9GJD1FL20U	J			Diode	AG
D6442	9GJD1FL20U	J			Diode	AG

CAPACITORS

C6441	9GJACG1098	J	0.1	100V	Ceramic	AL
C6442	9GJACG1098	J	0.1	100V	Ceramic	AL

MISCELLANEOUS PARTS

CN6441	9GJB4B-PH-SM3	J			PH Connector (SMT)	AN
--------	---------------	---	--	--	--------------------	----

9GJAWZ6623

BRIDGE D ASSY

DIODES

D6451	GJD1FL20U	J			Diode	AG
D6452	GJD1FL20U	J			Diode	AG

CAPACITORS

C6451	9GJACG1098	J	0.1	100V	Ceramic	AL
C6452	9GJACG1098	J	0.1	100V	Ceramic	AL

MISCELLANEOUS PARTS

CN6451	9GJB4B-PH-SM3	J			PH Connector (SMT)	AN
--------	---------------	---	--	--	--------------------	----

9GJAWZ6650

CLAMP A ASSY

DIODES

D6461	9GJD1FL20U	J			Diode	AG
D6462	9GJD1FL20U	J			Diode	AG

CAPACITORS

C6461	9GJACG1098	J	0.1	100V	Ceramic	AL
C6462	9GJACG1098	J	0.1	100V	Ceramic	AL

MISCELLANEOUS PARTS

CN6461	9GJB4B-PH-SM3	J			PH Connector (SMT)	AN
--------	---------------	---	--	--	--------------------	----

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6651					
CLAMP B ASSY					
DIODES					
	D6471	9GJD1FL20U	J	Diode	AG
	D6472	9GJD1FL20U	J	Diode	AG
CAPACITORS					
	C6471	9GJACG1098	J	0.1 100V Ceramic	AL
	C6472	9GJACG1098	J	0.1 100V Ceramic	AL
MISCELLANEOUS PARTS					
	CN6471	9GJB4B-PH-SM3	J	PH Connector (SMT)	AN
9GJAWZ6652					
CLAMP C ASSY					
DIODES					
	D6481	9GJD1FL20U	J	Diode	AG
	D6482	9GJD1FL20U	J	Diode	AG
CAPACITORS					
	C6481	9GJACG1098	J	0.1 100V Ceramic	AL
	C6482	9GJACG1098	J	0.1 100V Ceramic	AL
MISCELLANEOUS PARTS					
	CN6481	9GJB4B-PH-SM3	J	PH Connector (SMT)	AN
9GJAWZ6653					
CLAMP D ASSY					
DIODES					
	D6491	9GJD1FL20U	J	Diode	AG
	D6492	9GJD1FL20U	J	Diode	AG
CAPACITORS					
	C6491	9GJACG1098	J	0.1 100V Ceramic	AL
	C6492	9GJACG1098	J	0.1 100V Ceramic	AL
MISCELLANEOUS PARTS					
	CN6491	9GJB4B-PH-SM3	J	PH Connector (SMT)	AN
9GJAWZ6626					
ADR CONNECT A ASSY					
INTEGRATED CIRCUIT					
	IC6501	9GJTC74VHC541F	J	Logic IC	AN
TRANSISTORS					
	Q6502	9GJ2SC2712	J	2SC2712	AC
	Q6503	9GJ2SK209	J	2SK209	AL
DIODE					
	D6501	9GJDA227	J	Diode	AL
COILS					
	L6501	9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE
	L6502	9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE
CAPACITORS					
	C6506	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6507	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6508	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6509	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6510	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code
	C6511	9GJACG1094	J	330p 100V Ceramic	AL
	C6512	9GJACG1094	J	330p 100V Ceramic	AL
	C6513	9GJACG1094	J	330p 100V Ceramic	AL
	C6514	9GJACG1094	J	330p 100V Ceramic	AL
	C6515	9GJACG1094	J	330p 100V Ceramic	AL
	C6516	9GJACG1094	J	330p 100V Ceramic	AL
	C6517	9GJACG1094	J	330p 100V Ceramic	AL
	C6518	9GJACG1094	J	330p 100V Ceramic	AL
	C6519	9GJACG1094	J	330p 100V Ceramic	AL
	C6520	9GJACG1094	J	330p 100V Ceramic	AL
	C6521	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6522	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6523	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6524	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6525	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6531	9GJACH1341	J	47 6.3V Electrolytic	AL
	C6532	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6533	9GJACH1341	J	47 6.3V Electrolytic	AL
	C6534	9GJACH1341	J	47 6.3V Electrolytic	AL
	C6535	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
	C6536	9GJCCSRCH121J5	J	120p 50V Ceramic	AD
	C6537	9GJCCSRCH121J5	J	120p 50V Ceramic	AD
	C6538	9GJCCSRCH121J5	J	120p 50V Ceramic	AD
RESISTORS					
	R6501	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
	R6507	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
	R6508	9GJRS1/16S224J	J	220k 1/16W Chip	AC
	R6509	9GJRS1/16S224J	J	220k 1/16W Chip	AC
	R6510	9GJRS1/16S393J	J	39k 1/16W Chip	AC
	R6511	9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
	R6512	9GJRS1/16S221J	J	220 1/16W Chip	AC
	R6513	9GJRS1/16S474J	J	470k 1/16W Chip	AC
	R6514	9GJRS1/16S103J	J	10k 1/16W Chip	AC
	R6515	9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
	R6516	9GJRAB4C473J	J	Resistor Array	AL
	R6518	9GJRAB4C100J	J	Resistor Array	AL
	R6519	9GJRAB4C100J	J	Resistor Array	AL
	R6520	9GJRAB4C100J	J	Resistor Array	AL
	R6521	9GJRAB4C100J	J	Resistor Array	AL
	R6522	9GJRAB4C100J	J	Resistor Array	AL
	R6523	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R6524	9GJRAB4C100J	J	Resistor Array	AL
	R6525	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R6526	9GJRAB4C100J	J	Resistor Array	AL
	R6527	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R6528	9GJRAB4C100J	J	Resistor Array	AL
	R6529	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R6530	9GJRAB4C100J	J	Resistor Array	AL
	R6531	9GJRAB4C100J	J	Resistor Array	AL
	R6532	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R6533	9GJRAB4C100J	J	Resistor Array	AL
	R6534	9GJRAB4C100J	J	Resistor Array	AL
	R6535	9GJRAB4C100J	J	Resistor Array	AL
	R6536	9GJRAB4C100J	J	Resistor Array	AL
	R6537	9GJRAB4C100J	J	Resistor Array	AL
	R6538	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R6539	9GJRAB4C100J	J	Resistor Array	AL
	R6540	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R6541	9GJRAB4C100J	J	Resistor Array	AL
	R6542	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R6543	9GJRAB4C100J	J	Resistor Array	AL
	R6544	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R6545	9GJRAB4C100J	J	Resistor Array	AL
	R6546	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R6547	9GJRAB4C100J	J	Resistor Array	AL
	R6548	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
	R6549	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
	R6550	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
	R6551	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
	R6552	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
	R6553	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
MISCELLANEOUS PARTS					
	CN6501	9GJAKM1202	J	Connector, 55-pin	AS

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6627					
ADR CONNECT B ASSY					
INTEGRATED CIRCUIT					
IC6601	9GJTC74VHC541F	J	Logic IC		AN
TRANSISTORS					
Q6602	9GJ2SC2712	J	2SC2712		AC
Q6603	9GJ2SK209	J	2SK209		AL
DIODE					
D6601	9GJDA227	J	Diode		AL
COILS					
L6601	9GJATH1081	J	Coil 22μH/0.11A(Chip)		AE
L6602	9GJATH1081	J	Coil 22μH/0.11A(Chip)		AE
CAPACITORS					
C6606	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6607	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6608	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6609	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6610	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6611	9GJACG1094	J	330p 100V Ceramic		AL
C6612	9GJACG1094	J	330p 100V Ceramic		AL
C6613	9GJACG1094	J	330p 100V Ceramic		AL
C6614	9GJACG1094	J	330p 100V Ceramic		AL
C6615	9GJACG1094	J	330p 100V Ceramic		AL
C6616	9GJACG1094	J	330p 100V Ceramic		AL
C6617	9GJACG1094	J	330p 100V Ceramic		AL
C6618	9GJACG1094	J	330p 100V Ceramic		AL
C6619	9GJACG1094	J	330p 100V Ceramic		AL
C6620	9GJACG1094	J	330p 100V Ceramic		AL
C6621	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6622	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6623	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6624	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6625	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6631	9GJACH1341	J	47 6.3V Electrolytic		AL
C6632	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6633	9GJACH1341	J	47 6.3V Electrolytic		AL
C6634	9GJACH1341	J	47 6.3V Electrolytic		AL
C6635	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6636	9GJCCSRCH121J5	J	120p 50V Ceramic		AD
C6637	9GJCCSRCH121J5	J	120p 50V Ceramic		AD
C6638	9GJCCSRCH121J5	J	120p 50V Ceramic		AD
RESISTORS					
R6601	9GJRS1/16S0R0J	J	0 1/16W Chip		AC
R6607	9GJRS1/16S0R0J	J	0 1/16W Chip		AC
R6608	9GJRS1/16S224J	J	220k 1/16W Chip		AC
R6609	9GJRS1/16S224J	J	220k 1/16W Chip		AC
R6610	9GJRS1/16S393J	J	39k 1/16W Chip		AC
R6611	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R6612	9GJRS1/16S221J	J	220 1/16W Chip		AC
R6613	9GJRS1/16S474J	J	470k 1/16W Chip		AC
R6614	9GJRS1/16S103J	J	10k 1/16W Chip		AC
R6615	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R6616	9GJRAB4C473J	J	Resistor Array		AL
R6618	9GJRAB4C100J	J	Resistor Array		AL
R6619	9GJRAB4C100J	J	Resistor Array		AL
R6620	9GJRAB4C100J	J	Resistor Array		AL
R6621	9GJRAB4C100J	J	Resistor Array		AL
R6622	9GJRAB4C100J	J	Resistor Array		AL
R6623	9GJRS1/16S100J	J	10 1/16W Chip		AC
R6624	9GJRAB4C100J	J	Resistor Array		AL
R6625	9GJRS1/16S100J	J	10 1/16W Chip		AC
R6626	9GJRAB4C100J	J	Resistor Array		AL
R6627	9GJRS1/16S100J	J	10 1/16W Chip		AC
R6628	9GJRAB4C100J	J	Resistor Array		AL
R6629	9GJRS1/16S100J	J	10 1/16W Chip		AC
R6630	9GJRAB4C100J	J	Resistor Array		AL
R6631	9GJRAB4C100J	J	Resistor Array		AL

Mark	Ref. No.	Part No.	★	Description	Code
R6632	9GJRS1/16S100J	J	10 1/16W Chip		AC
R6633	9GJRAB4C100J	J	Resistor Array		AL
R6634	9GJRAB4C100J	J	Resistor Array		AL
R6635	9GJRAB4C100J	J	Resistor Array		AL
R6636	9GJRAB4C100J	J	Resistor Array		AL
R6637	9GJRAB4C100J	J	Resistor Array		AL
R6638	9GJRS1/16S100J	J	10 1/16W Chip		AC
R6639	9GJRAB4C100J	J	Resistor Array		AL
R6640	9GJRS1/16S100J	J	10 1/16W Chip		AC
R6641	9GJRAB4C100J	J	Resistor Array		AL
R6642	9GJRS1/16S100J	J	10 1/16W Chip		AC
R6643	9GJRAB4C100J	J	Resistor Array		AL
R6644	9GJRS1/16S100J	J	10 1/16W Chip		AC
R6645	9GJRAB4C100J	J	Resistor Array		AL
R6646	9GJRS1/16S100J	J	10 1/16W Chip		AC
R6647	9GJRAB4C100J	J	Resistor Array		AL
R6648	9GJRS1/16S0R0J	J	0 1/16W Chip		AC
R6649	9GJRS1/16S0R0J	J	0 1/16W Chip		AC
R6650	9GJRS1/16S0R0J	J	0 1/16W Chip		AC
R6651	9GJRS1/16S0R0J	J	0 1/16W Chip		AC
R6652	9GJRS1/16S0R0J	J	0 1/16W Chip		AC
R6653	9GJRS1/16S0R0J	J	0 1/16W Chip		AC

MISCELLANEOUS PARTS

CN6601	9GJAKM1202	J	Connector, 55-pin		AS
--------	------------	---	-------------------	--	----

9GJAWZ6628
ADR CONNECT C ASSY

INTEGRATED CIRCUIT					
IC6801	9GJTC74VHC541F	J	Logic IC		AN
TRANSISTORS					
Q6802	9GJ2SC2712	J	2SC2712		AC
Q6803	9GJ2SK209	J	2SK209		AL
DIODE					
D6801	9GJDA227	J	Diode		AL
COILS					
L6801	9GJATH1081	J	Coil 22μH/0.11A(Chip)		AE
L6802	9GJATH1081	J	Coil 22μH/0.11A(Chip)		AE
CAPACITORS					
C6806	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6807	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6808	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6809	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6810	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6811	9GJACG1094	J	330p 100V Ceramic		AL
C6812	9GJACG1094	J	330p 100V Ceramic		AL
C6813	9GJACG1094	J	330p 100V Ceramic		AL
C6814	9GJACG1094	J	330p 100V Ceramic		AL
C6815	9GJACG1094	J	330p 100V Ceramic		AL
C6816	9GJACG1094	J	330p 100V Ceramic		AL
C6817	9GJACG1094	J	330p 100V Ceramic		AL
C6818	9GJACG1094	J	330p 100V Ceramic		AL
C6819	9GJACG1094	J	330p 100V Ceramic		AL
C6820	9GJACG1094	J	330p 100V Ceramic		AL
C6821	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6822	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6823	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6824	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6825	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6831	9GJACH1341	J	47 6.3V Electrolytic		AL
C6832	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6833	9GJACH1341	J	47 6.3V Electrolytic		AL
C6834	9GJACH1341	J	47 6.3V Electrolytic		AL
C6835	9GJCKSRFY104Z1	J	0.1 16V Ceramic		AD
C6836	9GJCCSRCH121J5	J	120p 50V Ceramic		AD
C6837	9GJCCSRCH121J5	J	120p 50V Ceramic		AD
C6838	9GJCCSRCH121J5	J	120p 50V Ceramic		AD

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWZ6628**ADR CONNECT C ASSY (Continued)****RESISTORS**

R6801	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6807	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6808	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R6809	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R6810	9GJRS1/16S393J	J	39k	1/16W	Chip	AC
R6811	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R6812	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6813	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
R6814	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R6815	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R6816	9GJRAB4C473J	J			Resistor Array	AL
R6818	9GJRAB4C100J	J			Resistor Array	AL
R6819	9GJRAB4C100J	J			Resistor Array	AL
R6820	9GJRAB4C100J	J			Resistor Array	AL
R6821	9GJRAB4C100J	J			Resistor Array	AL
R6822	9GJRAB4C100J	J			Resistor Array	AL
R6823	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6824	9GJRAB4C100J	J			Resistor Array	AL
R6825	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6826	9GJRAB4C100J	J			Resistor Array	AL
R6827	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6828	9GJRAB4C100J	J			Resistor Array	AL
R6829	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6830	9GJRAB4C100J	J			Resistor Array	AL
R6831	9GJRAB4C100J	J			Resistor Array	AL
R6832	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6833	9GJRAB4C100J	J			Resistor Array	AL
R6834	9GJRAB4C100J	J			Resistor Array	AL
R6835	9GJRAB4C100J	J			Resistor Array	AL
R6836	9GJRAB4C100J	J			Resistor Array	AL
R6837	9GJRAB4C100J	J			Resistor Array	AL
R6838	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6839	9GJRAB4C100J	J			Resistor Array	AL
R6840	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6841	9GJRAB4C100J	J			Resistor Array	AL
R6842	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6843	9GJRAB4C100J	J			Resistor Array	AL
R6844	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6845	9GJRAB4C100J	J			Resistor Array	AL
R6846	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6847	9GJRAB4C100J	J			Resistor Array	AL
R6848	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6849	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6850	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6851	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6852	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6853	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC

MISCELLANEOUS PARTS

CN6801	9GJAKM1202	J	Connector, 55-pin	AS
--------	------------	---	-------------------	----

9GJAWZ6629
ADR CONNECT D ASSY**INTEGRATED CIRCUIT**

IC6901	9GJTC74VHC541F	J	Logic IC	AN
--------	----------------	---	----------	----

TRANSISTORS

Q6902	9GJ2SC2712	J	2SC2712	AC
Q6903	9GJ2SK209	J	2SK209	AL

DIODE

D6901	9GJDA227	J	Diode	AL
-------	----------	---	-------	----

COILS

L6901	9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE
L6902	9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

CAPACITORS

C6906	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6907	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6908	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6909	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6910	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6911	9GJACG1094	J	330p	100V	Ceramic	AL
C6912	9GJACG1094	J	330p	100V	Ceramic	AL
C6913	9GJACG1094	J	330p	100V	Ceramic	AL
C6914	9GJACG1094	J	330p	100V	Ceramic	AL
C6915	9GJACG1094	J	330p	100V	Ceramic	AL
C6916	9GJACG1094	J	330p	100V	Ceramic	AL
C6917	9GJACG1094	J	330p	100V	Ceramic	AL
C6918	9GJACG1094	J	330p	100V	Ceramic	AL
C6919	9GJACG1094	J	330p	100V	Ceramic	AL
C6920	9GJACG1094	J	330p	100V	Ceramic	AL
C6921	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6922	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6923	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6924	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6925	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6931	9GJACH1341	J	47	6.3V	Electrolytic	AL
C6932	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6933	9GJACH1341	J	47	6.3V	Electrolytic	AL
C6934	9GJACH1341	J	47	6.3V	Electrolytic	AL
C6935	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6936	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD
C6937	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD
C6938	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD

RESISTORS

R6901	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6907	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6908	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R6909	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R6910	9GJRS1/16S393J	J	39k	1/16W	Chip	AC
R6911	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R6912	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6913	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
R6914	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R6915	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R6916	9GJRAB4C473J	J			Resistor Array	AL
R6918	9GJRAB4C100J	J			Resistor Array	AL
R6919	9GJRAB4C100J	J			Resistor Array	AL
R6920	9GJRAB4C100J	J			Resistor Array	AL
R6921	9GJRAB4C100J	J			Resistor Array	AL
R6922	9GJRAB4C100J	J			Resistor Array	AL
R6923	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6924	9GJRAB4C100J	J			Resistor Array	AL
R6925	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6926	9GJRAB4C100J	J			Resistor Array	AL
R6927	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6928	9GJRAB4C100J	J			Resistor Array	AL
R6929	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6930	9GJRAB4C100J	J			Resistor Array	AL
R6931	9GJRAB4C100J	J			Resistor Array	AL
R6932	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6933	9GJRAB4C100J	J			Resistor Array	AL
R6934	9GJRAB4C100J	J			Resistor Array	AL
R6935	9GJRAB4C100J	J			Resistor Array	AL
R6936	9GJRAB4C100J	J			Resistor Array	AL
R6937	9GJRAB4C100J	J			Resistor Array	AL
R6938	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6939	9GJRAB4C100J	J			Resistor Array	AL
R6940	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6941	9GJRAB4C100J	J			Resistor Array	AL
R6942	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6943	9GJRAB4C100J	J			Resistor Array	AL
R6944	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6945	9GJRAB4C100J	J			Resistor Array	AL
R6946	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6947	9GJRAB4C100J	J			Resistor Array	AL
R6948	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6949	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6950	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6629					
ADR CONNECT D ASSY (Continued)					

R6951	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6952	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6953	9GJRS1/16S0R0J	J	0	1/16W Chip	AC

MISCELLANEOUS PARTS

CN6901	9GJAKM1202	J		Connector, 55-pin	AS
--------	------------	---	--	-------------------	----

9GJAWZ6691

ADR RESONANCE ASSY

INTEGRATED CIRCUIT

IC6701	9GJTND301S	J		FET	AM
IC6702	9GJTND301S	J		FET	AM
IC6703	9GJTND301S	J		FET	AM
△ IC6704	9GJ1CP-S1.0	J		IC Protector, 1A/50V	AH

TRANSISTORS

Q6701	9GJ2SD1664	J		2SD1664	AE
Q6702	9GJ2SD1664	J		2SD1664	AE
Q6703	9GJ2SD1664	J		2SD1664	AE
Q6704	9GJ2SB1132	J		2SB1132	AE
Q6705	9GJ2SB1132	J		2SB1132	AE
NSP Q6706	9GJFX20ASJ	—		FX20ASJ	—
NSP Q6707	9GJFX20ASJ	—		FX20ASJ	—
NSP Q6708	9GJFX20ASJ	—		FX20ASJ	—
NSP Q6709	9GJFX20ASJ	—		FX20ASJ	—
NSP Q6710	9GJFS30ASJ	—		FS30ASJ	—
NSP Q6711	9GJFS30ASJ	—		FS30ASJ	—
Q6712	9GJ2SB1132	J		2SB1132	AE

DIODES

D6701	9GJ1SS355	J		Diode	AD
NSP D6702	9GJUDZ15B	—		Zener Diode	—
D6703	9GJ1SS355	J		Diode	AD
D6704	9GJ1SS355	J		Diode	AD
NSP D6705	9GJUDZ15B	—		Zener Diode	—
D6706	9GJ1SS355	J		Diode	AD
D6709	9GJD1FL20U	J		Diode	AG
D6710	9GJD1FL20U	J		Diode	AG
D6711	9GJSPX-62S	J		Diode	AN
D6712	9GJSPX-62S	J		Diode	AN
D6713	9GJSPX-62S	J		Diode	AN
D6714	9GJSPX-62S	J		Diode	AN
NSP D6716	9GJUDZ15B	—		Zener Diode	—
D6717	9GJD1FL20U	J		Diode	AG
D6718	9GJD1FL20U	J		Diode	AG

COIL

L6704	9GJATH1111	J		Choke Coil	AL
-------	------------	---	--	------------	----

CAPACITORS

C6701	9GJCEHV470M16	J	47	16V Electrolytic	AD
C6702	9GJCEHV101M16	J	100	16V Electrolytic	AD
C6703	9GJACH1347	J	56	80V Electrolytic	AL
C6704	9GJACH1347	J	56	80V Electrolytic	AL
C6705	9GJACH1347	J	56	80V Electrolytic	AL
C6706	9GJACH1347	J	56	80V Electrolytic	AL
C6707	9GJACH1347	J	56	80V Electrolytic	AL
C6708	9GJACH1347	J	56	80V Electrolytic	AL
C6709	9GJCEHV101M16	J	100	16V Electrolytic	AD
C6710	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6711	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6713	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6716	9GJACE1159	J	1	100V Film	AQ
C6718	9GJACE1159	J	1	100V Film	AQ
C6720	9GJACG1101	J	0.01	100V Ceramic	AL
C6721	9GJACG1101	J	0.01	100V Ceramic	AL
C6722	9GJACG1102	J	0.0068	100V Ceramic	AL

Mark	Ref. No.	Part No.	★	Description	Code
RESISTORS					
R6701	9GJRS1/16S2R2J	J	2.2	1/16W Chip	AL
R6702	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6703	9GJRS1/16S2R2J	J	2.2	1/16W Chip	AL
R6704	9GJRS1/16S2R2J	J	2.2	1/16W Chip	AL
R6705	9GJRS1/16S2R2J	J	2.2	1/16W Chip	AL
R6706	9GJRS1/16S4R7J	J	4.7	1/16W Chip	AC
R6707	9GJRS1/16S104J	J	100k	1/16W Chip	AC
R6720	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6721	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6722	9GJRS1/16S220J	J	22	1/16W Chip	AC
R6725	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6726	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6727	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6728	9GJRS1/16S220J	J	22	1/16W Chip	AC
R6730	9GJRS1/16S220J	J	22	1/16W Chip	AC
R6731	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6732	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6735	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6737	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6738	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6739	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6740	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6743	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6744	9GJRS1/16S473J	J	47k	1/16W Chip	AC

MISCELLANEOUS PARTS

CN6701	9GJAKP1221	J		Connector, 23-pin	AN
CN6702	9GJB4B-PH-SM3	J		PH Connector(SMT)	AN
CN6703	9GJB5B-PH-SM3	J		PH Connector(SMT)	AL

9GJAWV1901

X DRIVE ASSY

[X LOGIC BLOCK] INTEGRATED CIRCUIT

NSP IC3001	9GJTC74ACT541F	—		TC74ACT541F	—
IC3003	9GJPE1012A	J		PE1012A	AW
IC3004	9GJTC74ACT540F	J		TC74ACT540F	AQ
NSP IC3008	9GJTC74ACT541F	—		TC74ACT541F	—

COIL

L3001	9GJLFEA100J	J		Inductor	AL
-------	-------------	---	--	----------	----

CAPACITORS

C3001	9GJCKSRYF104Z5	J	0.1	50V Ceramic	AL
C3003	9GJCKSRYF104Z5	J	0.1	50V Ceramic	AL
C3004	9GJCKSRYF104Z5	J	0.1	50V Ceramic	AL
C3005	9GJCEHAT470M16	J	47	16V Electrolytic	AL
C3006	9GJCKSRYF104Z5	J	0.1	50V Ceramic	AL

RESISTORS

R3001	9GJRAB4C470J	J	47	Resistor Array	AB
R3002	9GJRAB4C472J	J	4.7k	Resistor Array	AB
R3003	9GJRAB4C470J	J	47	Resistor Array	AB
R3005	9GJRAB4C472J	J	4.7k	Resistor Array	AB
R3006	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R3007	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R3009	9GJRAB4C0R0J	J	0	Resistor Array	AB
R3010	9GJRAB4C0R0J	J	0	Resistor Array	AB
R3011	9GJRAB4C0R0J	J	0	Resistor Array	AB
R3012	9GJRAB4C0R0J	J	0	Resistor Array	AB
R3026	9GJRAB4C470J	J	47	Resistor Array	AB
R3027	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R3029	9GJRAB4C470J	J	47	Resistor Array	AB
R3030	9GJRAB4C472J	J	4.7k	Resistor Array	AB
R3031	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R3033	9GJRAB4C472J	J	4.7k	Resistor Array	AB

MISCELLANEOUS PARTS

CN3001	9GJKF050HA30L	J		Connector, 30-pin	AL
--------	---------------	---	--	-------------------	----

Mark	Ref. No.	Part No.	★	Description	Code	Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV1901											
X DRIVE ASSY (Continued)											
[X SUS BLOCK]											
INTEGRATED CIRCUIT											
NSP	IC3101	9GJTC74ACT541F	—	TC74ACT541F	—	D3215	9GJD1FL40	J	Diode		AH
	IC3102	9GJHCPL-M611	J	HCPL-M611	AN	COILS					
	IC3103	9GJTND301S	J	TND301S	AM	L3101	9GJLFEA100J	J	Inductor		AL
	IC3104	9GJTND301S	J	TND301S	AM	L3103	9GJLFEA470J	J	Inductor		AL
	IC3106	9GJTND301S	J	TND301S	AM	L3107	9GJLFEA101J	J	Inductor		AL
	IC3107	9GJTND301S	J	TND301S	AM	L3108	9GJLFEA101J	J	Inductor		AL
	IC3109	9GJUPC78L05T	J	UPC78L05T	AH	L3201	9GJATH1117	J	Choke Coil		AL
	IC3110	9GJTND301S	J	TND301S	AM	L3202	9GJATH1118	J	Choke Coil		AL
	IC3113	9GJTND301S	J	TND301S	AM	L3204	9GJATH1117	J	Choke Coil		AL
	IC3200	9GJSTK795-460	J	STK795-460	BS	L3205	9GJATH1118	J	Choke Coil		AL
	IC3201	9GJSTK795-460	J	STK795-460	BS	L3206	9GJATH1112	J	Inductor		AL
TRANSISTORS						L3207	9GJATH1112	J	Inductor		AL
	Q3101	9GJ2SK2503	J	2SK2503	AL	L3210	9GJATH1118	J	Choke Coil		AL
	Q3102	9GJHN1B04FU	J	HN1B04FU	AD	L3211	9GJATH1118	J	Choke Coil		AL
NSP	Q3103	9GJFS16VS	—	FS16VS	—	CONTROLS					
NSP	Q3104	9GJFS16VS	—	FS16VS	—	VR3200	9GJACP1089	J	1k(B)		AD
NSP	Q3105	9GJFS16VS	—	FS16VS	—	VR3201	9GJACP1089	J	1k(B)		AD
NSP	Q3106	9GJFS16VS	—	FS16VS	—	VR3202	9GJACP1089	J	1k(B)		AD
NSP	Q3107	9GJFS16VS	—	FS16VS	—	VR3203	9GJACP1089	J	1k(B)		AD
NSP	Q3109	9GJFS16VS	—	FS16VS	—	CAPACITORS					
NSP	Q3110	9GJFS16VS	—	FS16VS	—	C3101	9GJCEHAT221M25	J	220 25V Electrolytic		AD
NSP	Q3111	9GJFS16VS	—	FS16VS	—	C3102	9GJCEHAT101M25	J	100 25V Electrolytic		AD
NSP	Q3112	9GJFS16VS	—	FS16VS	—	C3103	9GJCKSRF104Z5	J	0.1 50V Ceramic		AL
NSP	Q3113	9GJFS16VS	—	FS16VS	—	C3104	9GJCEHAT470M16	J	47 16V Electrolytic		AL
NSP	Q3114	9GJFS16VS	—	FS16VS	—	C3105	9GJCKSRF104Z5	J	0.1 50V Ceramic		AL
NSP	Q3115	9GJFS16VS	—	FS16VS	—	C3106	9GJCEHAT470M16	J	47 16V Electrolytic		AL
	Q3116	9GJ2SJ522	J	2SJ522	AX	C3107	9GJCEHAT101M25	J	100 25V Electrolytic		AD
	Q3117	9GJ2SJ181L	J	2SJ181L	AY	C3108	9GJCKSRF104Z5	J	0.1 50V Ceramic		AL
	Q3118	9GJHN1B04FU	J	HN1B04FU	AD	C3109	9GJCKSRF104Z5	J	0.1 50V Ceramic		AL
	Q3119	9GJ2SJ522	J	2SJ522	AX	C3111	9GJCKSRF104Z5	J	0.1 50V Ceramic		AL
	Q3120	9GJ2SJ522	J	2SJ522	AX	C3112	9GJCEHAT101M16	J	100 16V Electrolytic		AL
	Q3122	9GJFS7VS-14A	J	FS2AS	AS	C3113	9GJCKSRF104Z5	J	0.1 50V Ceramic		AL
	Q3123	9GJFS2AS-14A	J	FS2AS	AN	C3114	9GJCKSRF104Z5	J	0.1 50V Ceramic		AL
NSP	Q3124	9GJFS16VS	—	FS16VS	—	C3115	9GJCEHAT101M25	J	100 25V Electrolytic		AD
NSP	Q3125	9GJFS16VS	—	FS16VS	—	C3117	9GJCKSRF104Z5	J	0.1 50V Ceramic		AL
NSP	Q3126	9GJFS16VS	—	FS16VS	—	C3130	9GJCKSRF104Z5	J	0.1 50V Ceramic		AL
NSP	Q3127	9GJFS16VS	—	FS16VS	—	C3131	9GJACG1092	J	0.1 630V Ceramic		AL
	Q3128	9GJFS7VS-14A	J	FS2AS	AS	C3132	9GJACH1346	J	47 350V Electrolytic		AN
DIODES						C3133	9GJCEHAT101M16	J	100 16V Electrolytic		AL
	D3101	9GJD1FL40	J	Diode	AH	C3134	9GJCEHAT470M16	J	47 16V Electrolytic		AL
	D3102	9GJD1FL40	J	Diode	AH	C3135	9GJCEHAT470M25	J	47 25V Electrolytic		AC
	D3108	9GJ1SS355	J	Diode	AD	C3139	9GJACG1092	J	0.1 630V Ceramic		AL
	D3117	9GJD1FL40	J	Diode	AH	C3140	9GJCKSRF104Z5	J	0.1 50V Ceramic		AL
	D3119	9GJ1SS184	J	Diode	AH	C3141	9GJCEHAT470M16	J	47 16V Electrolytic		AL
NSP	D3120	9GJUDZ15B	—	Zener Diode	—	C3143	9GJACG1092	J	0.1 630V Ceramic		AL
	D3124	9GJ1SS355	J	Diode	AD	C3147	9GJCKSRF104Z5	J	0.1 50V Ceramic		AL
	D3125	9GJ1SS355	J	Diode	AD	C3200	9GJACH1348	J	330 315V Electrolytic		AX
	D3126	9GJD1FL40	J	Diode	AH	C3201	9GJACH1348	J	330 315V Electrolytic		AX
NSP	D3127	9GJUDZ15B	—	Zener Diode	—	C3202	9GJACH1348	J	330 315V Electrolytic		AX
NSP	D3128	9GJUDZ15B	—	Zener Diode	—	C3203	9GJCEHAT101M16	J	100 16V Electrolytic		AD
NSP	D3129	9GJUDZ15B	—	Zener Diode	—	C3204	9GJCEHAT101M25	J	100 25V Electrolytic		AD
	D3130	9GJ1SS355	J	Diode	AD	C3205	9GJACE1160	J	1.5 250V MPP		AN
	D3131	9GJD1FL40	J	Diode	AH	C3206	9GJACE1160	J	1.5 250V MPP		AN
	D3133	9GJ1SS355	J	Diode	AD	C3207	9GJACH1348	J	330 315V Electrolytic		AX
NSP	D3135	9GJUDZ15B	—	Zener Diode	—	C3208	9GJACH1348	J	330 315V Electrolytic		AX
NSP	D3136	9GJUDZ15B	—	Zener Diode	—	C3209	9GJACH1348	J	330 315V Electrolytic		AX
	D3200	9GJD1FL40	J	Diode	AH	C3210	9GJCEHAT101M16	J	100 16V Electrolytic		AD
	D3202	9GJD1FL40	J	Diode	AH	C3211	9GJCEHAT101M25	J	100 25V Electrolytic		AD
	D3203	9GJD1FL40	J	Diode	AH	C3212	9GJACE1160	J	1.5 250V MPP		AN
	D3205	9GJD1FL40	J	Diode	AH	C3213	9GJACE1160	J	1.5 250V MPP		AN
	D3207	9GJD1FL40	J	Diode	AH	C3214	9GJCCSRCH331J5	J	330p 50V CH		AD
	D3208	9GJD1FL40	J	Diode	AH	C3215	9GJCCSRCH331J5	J	330p 50V CH		AD
	D3210	9GJD1FL40	J	Diode	AH	C3216	9GJCCSRCH331J5	J	330p 50V CH		AD
	D3211	9GJD1FL40	J	Diode	AH	C3217	9GJCCSRCH331J5	J	330p 50V CH		AD
	D3212	9GJD1FL40	J	Diode	AH	C3218	9GJCCSRCH331J5	J	330p 50V CH		AD
	D3213	9GJD1FL40	J	Diode	AH	C3219	9GJCCSRCH331J5	J	330p 50V CH		AD
	D3214	9GJD1FL40	J	Diode	AH	C3220	9GJCCSRCH331J5	J	330p 50V CH		AD
						C3221	9GJCCSRCH331J5	J	330p 50V CH		AD
						C3223	9GJACG1100	J	100p 500V Ceramic		AL
						C3224	9GJACG1100	J	100p 500V Ceramic		AL
						C3225	9GJACE1160	J	1.5 250V MPP		AN
						C3226	9GJACE1160	J	1.5 250V MPP		AN

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV1901					
X DRIVE ASSY (Continued)					
RESISTORS					
R3101		9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
R3102		9GJRS1/2S561J	J	560 1/2W Chip	AL
R3103		9GJRS1/2S102J	J	1k 1/2W Chip	AC
R3104		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3105		9GJRS1/16S471J	J	470 1/16W Chip	AC
R3106		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R3107		9GJRS1/16S101J	J	100 1/16W Chip	AC
R3108		9GJRS1/16S512J	J	5.1k 1/16W Chip	AC
R3109		9GJRS1/2S2R2J	J	2.2 1/2W Chip	AE
R3110		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3111		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3112		9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
R3113		9GJRAB4C100J	J	Resistor Array	AL
R3114		9GJRAB4C100J	J	Resistor Array	AL
R3115		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3116		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3117		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3118		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3119		9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
R3121		9GJRAB4C100J	J	Resistor Array	AL
R3122		9GJRAB4C100J	J	Resistor Array	AL
R3123		9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
R3124		9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
R3125		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R3126		9GJRAB4C100J	J	Resistor Array	AL
R3127		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3128		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3129		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3130		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3132		9GJRAB4C100J	J	Resistor Array	AL
R3134		9GJRS1/2S100J	J	10 1/2W Chip	AF
R3135		9GJRS1/16S104J	J	100k 1/16W Chip	AC
R3140		9GJRAB4C100J	J	Resistor Array	AL
R3141		9GJRAB4C100J	J	Resistor Array	AL
R3163		9GJRS1/2S100J	J	10 1/2W Chip	AF
R3177		9GJRS1/16S113J	J	11k 1/16W Chip	AC
NSP R3178		9GJRS2MMF121J	—	120 2W Metal Oxide	—
NSP R3179		9GJRS2MMF121J	—	120 2W Metal Oxide	—
R3180		9GJRS1/16S153J	J	15k 1/16W Chip	AC
R3183		9GJACN1156	J	15 1/2W Surge Resistor	AL
R3184		9GJACN1156	J	15 1/2W Surge Resistor	AL
R3185		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3186		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3187		9GJACN1156	J	15 1/2W Surge Resistor	AL
R3188		9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
R3189		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3190		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R3191		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3192		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3196		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3197		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3198		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3199		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3200		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3201		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3202		9GJRS1MMF563J	J	56k 1W Metal Oxide	AL
R3203		9GJRS1MMF563J	J	56k 1W Metal Oxide	AL
R3205		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R3206		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3207		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3208		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3209		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3210		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R3211		9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
R3212		9GJRS1/10S184J	J	180k 1/10W Chip	AL
R3215		9GJRS1MMF101J	J	100 1W Metal Oxide	AL
R3216		9GJRS1MMF101J	J	100 1W Metal Oxide	AL
R3217		9GJRS1/10S184J	J	180k 1/10W Chip	AL
R3219		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R3220		9GJRS1/16S0R0J	J	0 1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
R3224		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3225		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3226		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3227		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3228		9GJRS1MMF102J	J	1k 1W Metal Oxide	AL
R3229		9GJRS1MMF102J	J	1k 1W Metal Oxide	AL
R3230		9GJRS1/10S184J	J	180k 1/10W Chip	AL
R3234		9GJRS1/10S184J	J	180k 1/10W Chip	AL
R3237		9GJRS1/10S184J	J	180k 1/10W Chip	AL
R3240		9GJRS1/10S184J	J	180k 1/10W Chip	AL
R3242		9GJRS1/10S184J	J	180k 1/10W Chip	AL
R3245		9GJRS1/10S184J	J	180k 1/10W Chip	AL
R3250		9GJRS1/16S3300	J	330 1/16W Chip	AL
R3251		9GJRS1/16S3300	J	330 1/16W Chip	AL
R3252		9GJRS1/16S3300	J	330 1/16W Chip	AL
R3253		9GJRS1/16S3300	J	330 1/16W Chip	AL
MISCELLANEOUS PARTS					
CN3101		9GJKM250MA13	J	Plug, 13-pin	AL
CN3102		9GJKM250MA3	J	Plug, 3-pin	AL
KN3105		9GJANK-142	J	Ground Plate	AC
KN3106		9GJANK-142	J	Ground Plate	AC
KN3107		9GJANK-142	J	Ground Plate	AC
KN3108		9GJANK-142	J	Ground Plate	AC
KN3109		9GJANK-142	J	Ground Plate	AC
KN3110		9GJANK-142	J	Ground Plate	AC
KN3111		9GJANK-142	J	Ground Plate	AC
KN3112		9GJANK-142	J	Ground Plate	AC
KN3113		9GJANK-142	J	Ground Plate	AC
KN3114		9GJANK-142	J	Ground Plate	AC
3101		9GJAEH1049	J	Spacer	AL
[X DD CON BLOCK] INTEGRATED CIRCUITS					
IC3701		9GJMIP161	J	MIP161-TLB	AQ
NSP IC3702		9GJTLP181	—	TLP181	—
NSP IC3703		9GJTLP181	—	TLP181	—
NSP IC3704		9GJTLP181	—	TLP181	—
IC3712		9GJAN1431M	J	AN1431M-TLB	AH
TRANSISTORS					
Q3701		9GJ2SC2712	J	2SC2712 (Chip)	AC
Q3800		9GJHN1A01FU	J	HN1A01FU (Chip)	AL
DIODES					
D3702		9GJEC8FS6	J	Diode	AL
D3703		9GJUDZ18B	J	Zener Diode	AL
D3705		9GJD1FL20U	J	Diode	AG
D3706		9GJD1FL20U	J	Diode	AG
D3707		9GJUDZS5.6B	J	Zener Diode	AE
D3708		9GJRD110P	J	Zener Diode	AG
D3709		9GJRD110P	J	Zener Diode	AG
D3710		9GJ1SS355	J	Diode	AD
D3711		9GJ1SS355	J	Diode	AD
D3713		9GJRD110P	J	Zener Diode	AG
COIL					
L3701		9GJATH1110	J	Inductor	AL
TRANSFORMER					
T3701		9GJATK1153	J	VRN	AS
CONTROL					
VR3701		9GJACP1089	J	1k (B)	AD
CAPACITORS					
C3701		9GJACH1345	J	22 315V Electrolytic	AL
C3703		9GJCKSRYB104K1	J	0.1 16V Ceramic(Chip)	AD
C3704		9GJCEHAT101M16	J	100 16V Electrolytic	AL
C3705		9GJCKSQYF104Z5	J	0.1 50V Ceramic(Chip)	AD
C3706		9GJCEHAT101M25	J	100 25V Electrolytic	AD
C3707		9GJCKSRYB104K1	J	0.1 16V Ceramic(Chip)	AD
C3708		9GJCKSRYB104K1	J	0.1 16V Ceramic(Chip)	AD
C3710		9GJCKSRYB104K1	J	0.1 16V Ceramic(Chip)	AD

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV1901					
X DRIVE ASSY (Continued)					

C3711	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
C3712	9GJCEHAT331M16	J	330	16V	Electrolytic	AL
C3714	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
C3715	9GJCKSRYB104K1	J	0.1	16V	Ceramic(Chip)	AD
C3716	9GJCKSRYB104K1	J	0.1	16V	Ceramic(Chip)	AD
C3717	9GJACH1346	J	47	350V	Electrolytic	AN

RESISTORS

R3701	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3702	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3703	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3704	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3705	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R3706	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3707	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3708	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3709	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3710	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3711	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3712	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3713	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3714	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3715	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3716	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3717	9GJRS1/16S1803	J	180k	1/16W	Chip	AL
R3719	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R3720	9GJRS1/16S822J	J	8.2k	1/16W	Chip	AC
R3721	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R3722	9GJRS1/16S822J	J	8.2k	1/16W	Chip	AC
R3723	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R3724	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R3725	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R3726	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R3727	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R3728	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R3729	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R3730	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R3731	9GJRS1/16S3900	J	390	1/16W	Chip	AL
R3732	9GJRS1/16S100J	J	1k	1/16W	Chip	AL
R3733	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R3734	9GJRS1/16S272J	J	2.7k	1/16W	Chip	AC
R3735	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R3736	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R3737	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R3738	9GJRS1/2S102J	J	1k	1/2W	Chip	AC
R3739	9GJRS1/2S102J	J	1k	1/2W	Chip	AC
R3800	9GJRS1/2S823J	J	82k	1/2W	Chip	AL
R3801	9GJRS1/2S823J	J	82k	1/2W	Chip	AL
R3802	9GJRS1/16S5601	J	5.6k	1/16W	Chip	AL
R3803	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R3804	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R3805	9GJRS1/16S2702	J	27k	1/16W	Chip	AL
R3806	9GJRS1/16S1802	J	18k	1/16W	Chip	AL
R3807	9GJRS1/16S104J	J	100k	1/16W	Chip	AC

9GJAWV6645

Y DRIVE ASSY

[Y DRIVE LOGIC BLOCK] INTEGRATED CIRCUITS

NSP	IC2001	9GJTC74ACT541F	—	TC74ACT541F	—
NSP	IC2003	9GJTC74ACT541F	—	TC74ACT541F	—
NSP	IC2004	9GJTC74ACT541F	—	TC74ACT541F	—
NSP	IC2005	9GJTC74ACT541F	—	TC74ACT541F	—
	IC2006	9GJPE1013B	J	PE1013B	AW
	IC2007	9GJTC74ACT540F	J	TC74ACT540F	AQ

Mark	Ref. No.	Part No.	★	Description	Code
TRANSISTORS					
	Q2101	9GJHN1C01FU	J	HN1C01FU	AL
	Q2102	9GJHN1C01FU	J	HN1C01FU	AL
	Q2121	9GJ2SK2201	J	2SK2201	AG

DIODE

D2101	9GJ1SS355	J	Diode	AD
-------	-----------	---	-------	----

COIL

L2001	9GJLFEA100J	J	Inductor	AL
-------	-------------	---	----------	----

CAPACITORS

C2001	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2003	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
C2004	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2005	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2007	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2008	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2010	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2101	9GJCEHAT100M50	J	10	50V	Electrolytic	AC
C2102	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2103	9GJCEHAT1R0M50	J	1	50V	Electrolytic	AL
C2104	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2121	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL

RESISTORS

R2001	9GJRAB4C470J	J			Resistor Array	AB
R2002	9GJRAB4C470J	J			Resistor Array	AB
R2005	9GJRAB4C470J	J			Resistor Array	AB
R2011	9GJRAB4C470J	J			Resistor Array	AB
R2015	9GJRAB4C0R0J	J			Resistor Array	AB
R2016	9GJRAB4C0R0J	J			Resistor Array	AB
R2017	9GJRAB4C0R0J	J			Resistor Array	AB
R2018	9GJRAB4C0R0J	J			Resistor Array	AB
R2019	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2028	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2032	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2035	9GJRAB4C472J	J			Resistor Array	AL
R2036	9GJRAB4C472J	J			Resistor Array	AL
R2037	9GJRAB4C470J	J			Resistor Array	AB
R2038	9GJRAB4C470J	J			Resistor Array	AB
R2039	9GJRAB4C472J	J			Resistor Array	AL
R2040	9GJRAB4C472J	J			Resistor Array	AL
R2042	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2044	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2101	9GJRS1/16S125J	J	1.2M	1/16W	Chip	AL
R2102	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R2103	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
R2104	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
R2105	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2106	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2107	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
R2121	9GJRS1/16S123J	J	12k	1/16W	Chip	AC
R2122	9GJRS1/16S393J	J	39k	1/16W	Chip	AC
R2123	9GJRS1/16S183J	J	18k	1/16W	Chip	AL

MISCELLANEOUS PARTS

CN2001	9GJAKM1201	J	Connector, 50-pin	AQ
2101	9GJAXX1057	J	Dew Sencer	AX
	9GJBMZ20P040FM	J	Screw	AA
	9GJNB20FMC	J	Nut	AD

[Y DRIVE SUS BLOCK] INTEGRATED CIRCUITS

NSP	IC2201	9GJTC74ACT541F	—	TC74ACT541F	—
	IC2202	9GJHCPL-M611	J	HCPL-M611	AN
	IC2203	9GJTND301S	J	TND301S	AM
	IC2204	9GJTND301S	J	TND301S	AM
	IC2205	9GJUPC78L05T	J	UPC78L05T	AH
	IC2206	9GJSTK795-460	J	STK795-460	BS
	IC2208	9GJHCPL-M611	J	HCPL-M611	AN
	IC2209	9GJUPC78L05T	J	UPC78L05T	AH
	IC2210	9GJTND301S	J	TND301S	AM
	IC2212	9GJTND301S	J	TND301S	AM

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6645					
Y DRIVE ASSY (Continued)					

	IC2213	9GJTND301S	J	TND301S	AM
	IC2214	9GJSTK795-460	J	STK795-460	BS
	IC2216	9GJTND301S	J	TND301S	AM
	IC2217	9GJTND301S	J	TND301S	AM

TRANSISTORS

	Q2201	9GJ2SK2503	J	2SK2503	AL
	Q2203	9GJ2SJ522	J	2SJ522	AX
	Q2204	9GJ2SJ522	J	2SJ522	AX
	Q2205	9GJ2SJ522	J	2SJ522	AX
	Q2209	9GJHN1B04FU	J	HN1B04FU	AD
NSP	Q2210	9GJFS16VS	—	FS16VS	—
NSP	Q2211	9GJFS16VS	—	FS16VS	—
NSP	Q2212	9GJFS16VS	—	FS16VS	—
	Q2215	9GJFQB34N20	J	FQB34N20	AT
	Q2216	9GJFQB34N20	J	FQB34N20	AT
	Q2217	9GJFQB34N20	J	FQB34N20	AT
	Q2218	9GJFQB34N20	J	FQB34N20	AT
	Q2219	9GJFQB34N20	J	FQB34N20	AT
	Q2220	9GJFQB34N20	J	FQB34N20	AT
	Q2221	9GJFQB34N20	J	FQB34N20	AT
	Q2226	9GJFQB34N20	J	FQB34N20	AT
	Q2227	9GJFQB34N20	J	FQB34N20	AT
	Q2228	9GJFQB34N20	J	FQB34N20	AT
	Q2232	9GJFQB34N20	J	FQB34N20	AT
	Q2233	9GJFQB34N20	J	FQB34N20	AT

DIODES

	D2201	9GJD1FL40	J	Diode	AH
	D2202	9GJ1SS226	J	Diode	AD
	D2203	9GJD1FL40	J	Diode	AH
	D2204	9GJ1SS226	J	Diode	AD
	D2205	9GJD1FL40	J	Diode	AH
NSP	D2206	9GJUDZ15B	—	Zener Diode	—
NSP	D2207	9GJUDZ15B	—	Zener Diode	—
	D2208	9GJD1FL40	J	Diode	AH
	D2209	9GJDF20L60	J	Diode	AU
	D2210	9GJD1FL40	J	Diode	AH
	D2211	9GJ1SS355	J	Diode	AD
	D2212	9GJD1FL40	J	Diode	AH
	D2214	9GJD1FL40	J	Diode	AH
	D2215	9GJD1FL40	J	Diode	AH
	D2216	9GJD1FL40	J	Diode	AH
	D2221	9GJD1FL40	J	Diode	AH
	D2222	9GJD1FL40	J	Diode	AH
	D2223	9GJD1FL40	J	Diode	AH
	D2225	9GJ1SS184	J	Diode	AD
	D2226	9GJD1FL40	J	Diode	AH
	D2227	9GJD1FL40	J	Diode	AH
	D2228	9GJD1FL40	J	Diode	AH
	D2239	9GJD1FL40	J	Diode	AH
	D2243	9GJD1FL40	J	Diode	AH

COILS

	L2201	9GJLFEA470J	J	Inductor	AL
	L2203	9GJLFEA101J	J	Inductor	AL
	L2204	9GJLFEA470J	J	Inductor	AL
	L2205	9GJLFEA101J	J	Inductor	AL
	L2206	9GJATH1117	J	Choke Coil	AL
	L2207	9GJATH1110	J	Inductor	AL
	L2208	9GJATH1118	J	Choke Coil	AL
	L2210	9GJLFEA100J	J	Inductor	AL
	L2211	9GJATH1117	J	Choke Coil	AL
	L2212	9GJATH1118	J	Choke Coil	AL
	L2213	9GJATH1112	J	Inductor	AL
	L2214	9GJATH1112	J	Inductor	AL
	L2215	9GJATH1118	J	Choke Coil	AL
	L2216	9GJATH1118	J	Choke Coil	AL

CONTROLS

	VR2201	9GJACP1089	J	1K(B)	AD
--	--------	------------	---	-------	----

Mark	Ref. No.	Part No.	★	Description	Code
	VR2202	9GJACP1089	J	1K(B)	AD
	VR2203	9GJACP1089	J	1K(B)	AD
	VR2204	9GJACP1089	J	1K(B)	AD

CAPACITORS

	C2201	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2202	9GJCEHAT221M25	J	220 25V	Electrolytic AE
	C2203	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2204	9GJCEHAT101M25	J	100 25V	Electrolytic AD
	C2205	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2208	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2209	9GJACG1092	J	0.1 630V	Ceramic AL
	C2210	9GJACG1092	J	0.1 630V	Ceramic AL
	C2211	9GJACH1346	J	47 350V	Electrolytic AN
	C2212	9GJCEHAT470M25	J	47 25V	Electrolytic AC
	C2213	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2214	9GJCEHAT470M25	J	47 25V	Electrolytic AC
	C2216	9GJACH1348	J	330 315V	Electrolytic AX
	C2217	9GJACH1348	J	330 315V	Electrolytic AX
	C2218	9GJCEHAT470M16	J	47 16V	Electrolytic AL
	C2219	9GJACH1348	J	330 315V	Electrolytic AX
	C2220	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2221	9GJCEHAT101M16	J	100 16V	Electrolytic AL
	C2222	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2223	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2224	9GJCEHAT470M16	J	47 16V	Electrolytic AL
	C2225	9GJCEHAT101M16	J	100 16V	Electrolytic AL
	C2226	9GJCEHAT101M16	J	100 16V	Electrolytic AL
	C2227	9GJCEHAT101M25	J	100 25V	Electrolytic AD
	C2228	9GJACE1160	J	1.5 250V	Ceramic AN
	C2229	9GJCEHAT470M16	J	47 16V	Electrolytic AL
	C2230	9GJACE1160	J	1.5 250V	Ceramic AN
	C2231	9GJACE1160	J	1.5 250V	Ceramic AN
	C2232	9GJCEHAT331M2A	J	330 200V	Electrolytic AH
	C2233	9GJACG1100	J	100p 500V	Ceramic AL
	C2234	9GJACH1348	J	330 315V	Electrolytic AX
	C2235	9GJACH1348	J	330 315V	Electrolytic AX
	C2236	9GJACH1348	J	330 315V	Electrolytic AX
	C2237	9GJCEHAT101M25	J	100 25V	Electrolytic AD
	C2238	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2239	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2240	9GJCEHAT101M25	J	100 25V	Electrolytic AD
	C2241	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2242	9GJCKSRYF104Z5	J	0.1 50V	Ceramic AL
	C2246	9GJCEHAT101M16	J	100 16V	Electrolytic AL
	C2247	9GJCEHAT101M25	J	100 25V	Electrolytic AD
	C2248	9GJACG1100	J	100p 500V	Ceramic AL
	C2250	9GJACE1160	J	1.5 250V	Ceramic AN
	C2251	9GJACE1160	J	1.5 250V	Ceramic AN
	C2252	9GJACE1160	J	1.5 250V	Ceramic AN
	C2253	9GJCCSRCH331J5	J	330p 50V	Ceramic AD
	C2254	9GJCCSRCH331J5	J	330p 50V	Ceramic AD
	C2255	9GJCCSRCH331J5	J	330p 50V	Ceramic AD
	C2256	9GJCCSRCH331J5	J	330p 50V	Ceramic AD
	C2257	9GJCCSRCH331J5	J	330p 50V	Ceramic AD
	C2258	9GJCCSRCH331J5	J	330p 50V	Ceramic AD
	C2259	9GJCCSRCH331J5	J	330p 50V	Ceramic AD
	C2260	9GJCCSRCH331J5	J	330p 50V	Ceramic AD

RESISTORS

	R2201	9GJRS1/16S821J	J	820 1/16W	Chip AC
	R2202	9GJRS1/2S561J	J	560 1/2W	Chip AL
	R2203	9GJRS1/2S102J	J	1k 1/2W	Chip AF
	R2204	9GJRS1/16S100J	J	10 1/16W	Chip AC
	R2205	9GJRS1/16S471J	J	470 1/16W	Chip AC
	R2206	9GJRS1/16S102J	J	1k 1/16W	Chip AC
	R2207	9GJRS1/16S101J	J	100 1/16W	Chip AC
	R2208	9GJRS1/16S512J	J	5.1k 1/16W	Chip AC
	R2209	9GJRS1/2S2R2J	J	2.2 1/2W	Chip AE
	R2210	9GJRS1/16S103J	J	10k 1/16W	Chip AC
	R2211	9GJRS1/16S103J	J	10k 1/16W	Chip AC
	R2212	9GJRS1/16S100J	J	10 1/16W	Chip AC
	R2213	9GJRS1/16S100J	J	10 1/16W	Chip AC
	R2214	9GJRS1/16S100J	J	10 1/16W	Chip AC
	R2215	9GJRS1/16S100J	J	10 1/16W	Chip AC

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWV6645

Y DRIVE ASSY (Continued)

R2216	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2217	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2218	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2219	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2220	9GJRS1/16S821J	J	820	1/16W	Chip	AC
R2221	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2222	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
R2228	9GJRS1/16S332J	J	3.3k	1/16W	Chip	AC
R2229	9GJRS1/16S122J	J	1.2k	1/16W	Chip	AC
R2230	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2233	9GJRS1MMF102J	J	1k	1W	Metal Oxide	AL
R2234	9GJRS1MMF102J	J	1k	1W	Metal Oxide	AL
R2235	9GJRAB4C100J	J			Resistor Array	AL
R2247	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2248	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2249	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R2251	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2252	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2253	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
R2256	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
R2263	9GJRS1/2S100J	J	10	1/2W	Chip	AF
R2264	9GJRS1/2S100J	J	10	1/2W	Chip	AF
R2265	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2268	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2269	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2270	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
R2271	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2272	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2273	9GJRAB4C100J	J			Resistor Array	AL
R2274	9GJRS1MMF221J	J	220	1W	Metal Oxide	AL
R2275	9GJRS1MMF221J	J	220	1W	Metal Oxide	AL
R2276	9GJRS3LMFR56J	J	0.56	3W	Metal Oxide	AL
R2277	9GJRS3LMFR47J	J	0.47	3W	Metal Oxide	AD
R2278	9GJRS1MMF101J	J	100	1W	Metal Oxide	AL
R2283	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
R2285	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2290	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2291	9GJRAB4C100J	J			Resistor Array	AL
R2295	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2296	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2297	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2298	9GJRS2MMF4R7J	J	4.7	2W	Metal Oxide	AL
R2299	9GJRS2MMF4R7J	J	4.7	2W	Metal Oxide	AL
R2303	9GJRS1MMF101J	J	100	1W	Metal Oxide	AL
R2304	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2305	9GJRAB4C100J	J			Resistor Array	AL
R2311	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2312	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2315	9GJRAB4C100J	J			Resistor Array	AL
R2317	9GJRAB4C100J	J			Resistor Array	AL
R2326	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2327	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2328	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2332	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
R2338	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
R2339	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2342	9GJRAB4C100J	J			Resistor Array	AL
R2354	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
R2355	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
R2358	9GJRS1/16S3300	J	330p	1/16W	Chip	AL
R2359	9GJRS1/16S3300	J	330p	1/16W	Chip	AL
R2360	9GJRS1/16S3300	J	330p	1/16W	Chip	AL
R2361	9GJRS1/16S3300	J	330p	1/16W	Chip	AL

MISCELLANEOUS PARTS

CN2201	9GJKM250MA15	J	Plug, 15-pin		AL
CN2202	9GJKM250MA3	J	Plug, 3-pin		AL
KN2201	9GJANK-142	J	Ground Plate		AC
KN2202	9GJANK-142	J	Ground Plate		AC
KN2203	9GJANK-142	J	Ground Plate		AC
KN2204	9GJANK-142	J	Ground Plate		AC

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

KN2205	9GJANK-142	J	Ground Plate		AC
KN2206	9GJANK-142	J	Ground Plate		AC
KN2207	9GJANK-142	J	Ground Plate		AC
KN2208	9GJANK-142	J	Ground Plate		AC
KN2209	9GJANK-142	J	Ground Plate		AC
KN2210	9GJANK-142	J	Ground Plate		AC
2201	9GJAEH1049	J	Spacer		AL

[Y DRIVE SCAN BLOCK] INTEGRATED CIRCUITS

IC2501	9GJHCPL-M611	J	HCPL-M611		AN
IC2502	9GJHCPL-M611	J	HCPL-M611		AN
IC2503	9GJTC74ACT540F	J	TC74ACT540F		AQ
IC2504	9GJTC74ACT540F	J	TC74ACT540F		AQ
IC2505	9GJHCPL-M611	J	HCPL-M611		AN
IC2506	9GJTC74ACT540F	J	TC74ACT540F		AQ
IC2510	9GJHCPL-M611	J	HCPL-M611		AN
IC2512	9GJHCPL-M611	J	HCPL-M611		AN
IC2513	9GJHCPL-M611	J	HCPL-M611		AN
IC2514	9GJHCPL-M611	J	HCPL-M611		AN
IC2516	9GJHCPL-M611	J	HCPL-M611		AN
IC2525	9GJHCPL-M611	J	HCPL-M611		AN

COILS

L2501	9GJLFEA100J	J	Inductor		AL
L2502	9GJLFEA100J	J	Inductor		AL
L2503	9GJLFEA100J	J	Inductor		AL

CAPACITORS

C2501	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2502	9GJCEHAT221M16	J	220	16V	Electrolytic	AL
C2503	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2504	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2505	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2506	9GJCEHAT220M2D	J	22	200V	Electrolytic	AD
C2507	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2508	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2513	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2515	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2516	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2517	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2519	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2524	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
C2525	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
C2527	9GJCEHAT220M2D	J	22	200V	Electrolytic	AD
C2530	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL

RESISTORS

R2501	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2502	9GJRAB4C101J	J			Resistor Array	AB
R2503	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2504	9GJRAB4C101J	J			Resistor Array	AB
R2505	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2506	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2507	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2508	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R2509	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2512	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2519	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2525	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2533	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2534	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2541	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2543	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2545	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2546	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2551	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2552	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2569	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2571	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2573	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2574	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R2575	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWV6645**Y DRIVE ASSY (Continued)****MISCELLANEOUS PARTS**

CN2501	9GJAKM1200	J	Connector, 15-pin	AL
CN2502	9GJAKM1200	J	Connector, 15-pin	AL

**[Y DRIVE DD-CON BLOCK]
INTEGRATED CIRCUITS**

IC2701	9GJMIP161	J	MIP161	AQ
NSP IC2702	9GJTLP181	—	TLP181	—
NSP IC2703	9GJTLP181	—	TLP181	—
IC2704	9GJMIP301	J	MIP301	AS
NSP IC2705	9GJTLP181	—	TLP181	—
NSP IC2706	9GJTLP181	—	TLP181	—
NSP IC2707	9GJTLP181	—	TLP181	—
IC2708	9GJM5223AFP	J	M5223AFP	AG
IC2709	9GJHCNR201	J	HCMR201	AY
IC2710	9GJM5223AFP	J	M5223AFP	AG
IC2711	9GJMIP0223SC	J	MIP0223SC	AT
NSP IC2712	9GJTLP181	—	TLP181	—
NSP IC2713	9GJTLP181	—	TLP181	—
NSP IC2714	9GJTLP181	—	TLP181	—
IC2715	9GJAN1431M	J	AN1431M	AH
IC2716	9GJAN1431M	J	AN1431M	AH
IC2717	9GJAN1431M	J	AN1431M	AH
IC2718	9GJM5223AFP	J	M5223AFP	AG

TRANSISTORS

Q2701	9GJ2SC2712	J	2SC2712	AC
Q2703	9GJ2SC2712	J	2SC2712	AC
Q2704	9GJHN1A01FU	J	HN1A01FU	AL

DIODES

D2702	9GJD1FL40	J	Diode	AH
NSP D2703	9GJUDZ36B	—	Zener Diode	—
D2704	9GJD1FL20U	J	Diode	AG
D2706	9GJD1FL20U	J	Diode	AG
D2707	9GJD1FL20U	J	Diode	AG
D2709	9GJUDZ3.6B	J	Zener Diode	AD
NSP D2710	9GJUDZ36B	—	Zener Diode	—
D2711	9GJD1FS4	J	Diode	AG
D2712	9GJ1SS355	J	Diode	AD
D2713	9GJU1ZB36	J	Zener Diode	AL
D2714	9GJD1FL40	J	Diode	AH
D2715	9GJD1FL20U	J	Diode	AG
D2716	9GJUDZ3.6B	J	Zener Diode	AD
D2717	9GJ1SS355	J	Diode	AD
D2718	9GJ1SS355	J	Diode	AD
D2720	9GJUDZS5.6B	J	Zener Diode	AE
D2724	9GJU1ZB330	J	Zener Diode	AL
D2725	9GJEC8FS6	J	Diode	AL
D2726	9GJD1FL20U	J	Diode	AG
D2727	9GJD1FL40	J	Diode	AH
D2728	9GJD1FL20U	J	Diode	AG
D2729	9GJUDZ33B	J	Zener Diode	AD
D2730	9GJUDZS5.6B	J	Zener Diode	AE
D2731	9GJUDZ33B	J	Zener Diode	AD
D2732	9GJ1SS355	J	Diode	AD
D2733	9GJRD110P	J	Zener Diode	AG
D2734	9GJ1SS355	J	Diode	AD
D2736	9GJ1SS355	J	Diode	AD
D2737	9GJ1SS355	J	Diode	AD
D2739	9GJUDZS5.6B	J	Zener Diode	AE
D2740	9GJUDZ12B	J	Zener Diode	AD

COIL

L2701	9GJATH1110	J	Inductor	AL
-------	------------	---	----------	----

TRANSFORMERS

T2701	9GJATK1152	J	VOFS Transformer	AS
T2702	9GJATK1150	J	SMD Transformer	AW
T2703	9GJATK1151	J	VH Transformer	AS

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

CONTROLS

VR2701	9GJACP1090	J	2.2k(B)	AD
VR2702	9GJACP1089	J	1k(B)	AD
VR2703	9GJACP1089	J	1k(B)	AD

CAPACITORS

C2701	9GJACH1345	J	22	315V Electrolytic	AL
C2704	9GJCEHAT221M25	J	220	25V Electrolytic	AE
C2705	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2706	9GJCEHAT101M16	J	100	16V Electrolytic	AL
C2707	9GJCKSRYF104Z5	J	0.1	50V Ceramic	AL
C2708	9GJCEHAT101M2A	J	100	200V Electrolytic	AF
C2709	9GJCEHAT101M25	J	100	25V Electrolytic	AD
C2711	9GJCKSRYB103K5	J	0.01	50V Ceramic	AD
C2712	9GJCEHAT471M35	J	470	35V Electrolytic	AD
C2713	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2714	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2715	9GJCEHAT331M16	J	330	16V Electrolytic	AL
C2718	9GJCEHAT101M25	J	100	25V Electrolytic	AD
C2719	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2720	9GJCEHAT101M25	J	100	25V Electrolytic	AD
C2721	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2722	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2723	9GJCEHAT470M16	J	47	16V Electrolytic	AL
C2724	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2725	9GJCEHAT101M16	J	100	16V Electrolytic	AL
C2727	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2728	9GJCKSRYB471K5	J	470	50V Ceramic	AL
C2729	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2730	9GJCKSRYB471K5	J	470	50V Ceramic	AL
C2731	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2733	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2735	9GJACH1345	J	22	315V Electrolytic	AL
C2736	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2737	9GJCEHAT101M16	J	100	16V Electrolytic	AL
C2738	9GJCKSRYF104Z5	J	0.1	50V Ceramic	AL
C2739	9GJCEHAT101M25	J	100	25V Electrolytic	AD
C2740	9GJCEHAT101M2C	J	100	200V Electrolytic	AK
C2742	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2743	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2745	9GJCEHAT101M25	J	100	25V Electrolytic	AD
C2746	9GJCEHAT331M25	J	330	25V Electrolytic	AL
C2747	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2748	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2749	9GJCKSRYB104K1	J	0.1	16V Ceramic	AD
C2751	9GJCEHAT470M16	J	47	16V Electrolytic	AL

RESISTORS

R2702	9GJRS1/16S471J	J	470	1/16W Chip	AC
R2705	9GJRS1/16S3002	J	30k	1/16W Chip	AL
R2706	9GJRS1/16S3002	J	30k	1/16W Chip	AL
R2707	9GJRS1/16S100J	J	10	1/16W Chip	AC
R2709	9GJRS1/16S3002	J	30k	1/16W Chip	AL
R2710	9GJRS1/16S3002	J	30k	1/16W Chip	AL
R2711	9GJRS1/2S102J	J	1k	1/2W Chip	AC
R2712	9GJRS3LMF272J	J	2.7k	3W Metal Oxide	AL
R2713	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2714	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R2715	9GJRS1/16S1201	J	1.2k	1/16W Chip	AL
R2716	9GJRS1/2S102J	J	1k	1/2W Chip	AC
R2717	9GJRS1/16S101J	J	100	1/16W Chip	AC
R2718	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2719	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R2720	9GJRS1/16S272J	J	2.7k	1/16W Chip	AC
R2721	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R2722	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R2723	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R2724	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R2725	9GJRS1/16S100J	J	10	1/16W Chip	AC
R2726	9GJRS1/16S151J	J	150	1/16W Chip	AC
R2727	9GJRS1/16S151J	J	150	1/16W Chip	AC
R2728	9GJRS1/16S1201	J	1.2k	1/16W Chip	AL
R2729	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R2730	9GJRS1/16S103J	J	10k	1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV6645					
Y DRIVE ASSY (Continued)					
R2731	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R2732	9GJRS1/16S101J	J	100	1/16W Chip	AC
R2733	9GJRS1/16S1201	J	1.2k	1/16W Chip	AL
R2734	9GJRS1/16S4702	J	47k	1/16W Chip	AC
R2735	9GJRS1/16S1000	J	100	1/16W Chip	AL
R2736	9GJRS1/16S4702	J	47k	1/16W Chip	AC
R2737	9GJRS1/16S470J	J	47	1/16W Chip	AC
R2739	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R2743	9GJRS1/16S100J	J	10	1/16W Chip	AC
R2744	9GJRS1/16S9102	J	91k	1/16W Chip	AL
R2745	9GJRS1/16S9102	J	91k	1/16W Chip	AL
R2746	9GJRS1/16S9102	J	91k	1/16W Chip	AL
R2747	9GJRS1/16S221J	J	220	1/16W Chip	AC
R2748	9GJRS1/16S9102	J	91k	1/16W Chip	AL
R2749	9GJRS1/16S9102	J	91k	1/16W Chip	AL
R2750	9GJRS1/16S9102	J	91k	1/16W Chip	AL
R2751	9GJRS1/16S9102	J	91k	1/16W Chip	AL
R2752	9GJRS1/16S9102	J	91k	1/16W Chip	AL
R2753	9GJRS1/16S9102	J	91k	1/16W Chip	AL
R2754	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2755	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R2756	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R2757	9GJRS1/16S221J	J	220	1/16W Chip	AC
R2758	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R2759	9GJRS1/16S101J	J	100	1/16W Chip	AC
R2760	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2761	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R2762	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R2763	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R2764	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R2765	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R2766	9GJRS1/16S1501	J	1.5k	1/16W Chip	AL
R2767	9GJRS1/2S102J	J	1k	1/2W Chip	AC
R2768	9GJRS1/16S272J	J	2.7k	1/16W Chip	AC
R2769	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R2770	9GJRS1/2S102J	J	1k	1/2W Chip	AC
R2771	9GJRS1/2S823J	J	82k	1/2W Chip	AL
R2772	9GJRS1/2S823J	J	82k	1/2W Chip	AL
R2773	9GJRS1/16S5601	J	5.6k	1/16W Chip	AL
R2774	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R2775	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R2776	9GJRS1/16S2702	J	27k	1/16W Chip	AL
R2777	9GJRS1/16S1802	J	18k	1/16W Chip	AL
R2778	9GJRS1/16S3002	J	30k	1/16W Chip	AL
R2779	9GJRS1/16S5102	J	51k	1/16W Chip	AL
R2780	9GJRS1/16S1103	J	110k	1/16W Chip	AL
R2781	9GJRS1/16S3002	J	30k	1/16W Chip	AL
R2782	9GJRS1/16S6801	J	6.8k	1/16W Chip	AL
R2783	9GJRS1/16S4701	J	4.7k	1/16W Chip	AC
R2784	9GJRS1/16S5602	J	56k	1/16W Chip	AL
R2785	9GJRS1/16S1503	J	150k	1/16W Chip	AL
R2786	9GJRS1/16S1802	J	18k	1/16W Chip	AL
R2787	9GJRS1/16S1302	J	13k	1/16W Chip	AL
R2788	9GJRS1/2S561J	J	560	1/2W Chip	AL
R2789	9GJRS1/16S104J	J	100k	1/16W Chip	AC
R2790	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2791	9GJRS1/16S1000	J	100	1/16W Chip	AL
R2792	9GJRS1/2S561J	J	560	1/2W Chip	AL

9GJAWZ6689

SUB ADDRESS A ASSY

INTEGRATED CIRCUITS					
IC8801	9GJM5223AFP	J	M5223AFP		AG
IC8802	9GJM5223AFP	J	M5223AFP		AG
IC8803	9GJTC74VHC74FT	J	TC74VHC74FT		AH
IC8804	9GJM5223AFP	J	M5223AFP		AG

Mark	Ref. No.	Part No.	★	Description	Code
TRANSISTORS					
Q8801	9GJ2SA1163	J	2SA1163		AQ
Q8802	9GJ2SA1163	J	2SA1163		AQ
Q8803	9GJ2SC2712	J	2SC2712		AC
Q8804	9GJ2SC2712	J	2SC2712		AC
Q8805	9GJ2SC2712	J	2SC2712		AC
Q8806	9GJ2SK209	J	2SK209		AL
Q8808	9GJ2SC2712	J	2SC2712		AC
DIODES					
D8801	9GJ1SS355	J	Diode		AD
D8802	9GJ1SS355	J	Diode		AD
D8803	9GJ1SS355	J	Diode		AD
D8804	9GJUDZS5.1B	J	Zener Diode		AD
D8806	9GJDA227	J	Diode		AL
D8807	9GJDA227	J	Diode		AL
D8808	9GJUDZ27B	J	Zener Diode		AD
D8809	9GJ1SS355	J	Diode		AD
COILS					
L8801	9GJATH1074	J	Choke Coil 100μH/0.45A		AH
L8802	9GJATH1081	J	Coil 22μH/0.11A(Chip)		AE
L8803	9GJATH1081	J	Coil 22μH/0.11A(Chip)		AE
CAPACITORS					
C8801	9GJCEHV470M16	J	47 16V Electrolytic		AD
C8802	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8803	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8804	9GJCEHV100M35	J	10 35V Electrolytic		AL
C8805	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8806	9GJCCSRCH101J5	J	100p 50V Ceramic		AD
C8807	9GJCEVNP2R2M35	J	2.2 35V Electrolytic		AL
C8808	9GJCEHV470M16	J	47 16V Electrolytic		AD
C8809	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8810	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8811	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8812	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8813	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8814	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8815	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8816	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8817	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8820	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8821	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C8822	9GJCEHV100M16	J	10 16V Electrolytic		AD
RESISTORS					
R8801	9GJRS1/2S1R5J	J	1.5 1/2W Chip		AL
R8802	9GJRS1/2S1R5J	J	1.5 1/2W Chip		AL
R8803	9GJRS1/2S2R2J	J	2.2 1/2W Chip		AE
R8804	9GJRS1/2S2R2J	J	2.2 1/2W Chip		AE
R8805	9GJRS1/2S2R2J	J	2.2 1/2W Chip		AE
R8806	9GJRS1/16S1002	J	10k 1/16W Chip		AC
R8807	9GJRS1/16S1002	J	10k 1/16W Chip		AC
R8808	9GJRS1/16S103J	J	10k 1/16W Chip		AC
R8809	9GJRS1/16S102J	J	1k 1/16W Chip		AC
R8810	9GJRS1/16S273J	J	27k 1/16W Chip		AC
R8811	9GJRS1/16S682J	J	6.8k 1/16W Chip		AC
R8812	9GJRS1/16S682J	J	6.8k 1/16W Chip		AC
R8813	9GJRS1/16S105J	J	1M 1/16W Chip		AC
R8814	9GJRS1/16S332J	J	3.3k 1/16W Chip		AC
R8815	9GJRS1/16S333J	J	33k 1/16W Chip		AC
R8816	9GJRS1/16S272J	J	2.7k 1/16W Chip		AC
R8817	9GJRS1/16S333J	J	33k 1/16W Chip		AC
R8818	9GJRS1/16S333J	J	33k 1/16W Chip		AC
R8819	9GJRS1/16S103J	J	10k 1/16W Chip		AC
R8820	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R8821	9GJRS1/16S223J	J	22k 1/16W Chip		AC
R8822	9GJRS1/16S103J	J	10k 1/16W Chip		AC
R8823	9GJRS1/16S104J	J	100k 1/16W Chip		AC
R8826	9GJRS1/16S4701	J	4.7k 1/16W Chip		AC
R8827	9GJRS1/16S4701	J	4.7k 1/16W Chip		AC
R8828	9GJRS1/16S2202	J	22k 1/16W Chip		AL
R8829	9GJRS1/16S2202	J	22k 1/16W Chip		AL
R8830	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6689					
SUB ADDRESS A ASSY (Continued)					
R8831	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R8832	9GJRS1/16S5602	J	56k	1/16W Chip	AL
R8833	9GJRS1/16S4702	J	47k	1/16W Chip	AC
R8834	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R8837	9GJRS1/16S1002	J	10k	1/16W Chip	AC
R8838	9GJRS1/16S1002	J	10k	1/16W Chip	AC
R8839	9GJRS1/16S4701	J	4.7k	1/16W Chip	AC
R8840	9GJRS1/16S4701	J	4.7k	1/16W Chip	AC
R8841	9GJRS1/16S1002	J	10k	1/16W Chip	AC
R8842	9GJRS1/16S682J	J	6.8k	1/16W Chip	AC
R8846	9GJRS1/16S2202	J	22k	1/16W Chip	AL
R8847	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R8848	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R8849	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R8851	9GJRS1/16S220J	J	22	1/16W Chip	AC
R8852	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R8854	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R8855	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R8858	9GJRS1/16S1202	J	12k	1/16W Chip	AL
R8859	9GJRS1/16S4702	J	47k	1/16W Chip	AC
R8860	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R8861	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R8862	9GJRS1/16S682J	J	6.8k	1/16W Chip	AC
R8864	9GJRS1/16S1802	J	18k	1/16W Chip	AL
R8865	9GJRS1/16S682J	J	6.8k	1/16W Chip	AC
R8868	9GJRS1/16S220J	J	22	1/16W Chip	AC
MISCELLANEOUS PARTS					
CN8801	9GJS3B-PH-SM3	J	PH Connector		AF
CN8802	9GJS8B-PH-SM3	J	PH Connector		AL
CN8803	9GJAKM1205	J	Connector 23-pin		AN

9GJAWZ6690

SUB ADDRESS B ASSY

INTEGRATED CIRCUITS					
IC8901	9GJM5223AFP	J	M5223AFP		AG
IC8902	9GJM5223AFP	J	M5223AFP		AG
IC8903	9GJTC74VHC74FT	J	TC74VHC74FT		AH
IC8904	9GJM5223AFP	J	M5223AFP		AG
TRANSISTORS					
Q8901	9GJ2SA1163	J	2SA1163		AQ
Q8902	9GJ2SA1163	J	2SA1163		AQ
Q8903	9GJ2SC2712	J	2SC2712		AC
Q8904	9GJ2SC2712	J	2SC2712		AC
Q8905	9GJ2SC2712	J	2SC2712		AC
Q8906	9GJ2SK209	J	2SK209		AL
Q8908	9GJ2SC2712	J	2SC2712		AC
DIODES					
D8901	9GJ1SS355	J	Diode		AD
D8902	9GJ1SS355	J	Diode		AD
D8903	9GJ1SS355	J	Diode		AD
D8904	9GJUDZS5.1B	J	Zener Diode		AD
D8906	9GJDA227	J	Diode		AL
D8907	9GJDA227	J	Diode		AL
D8908	9GJUDZ27B	J	Zener Diode		AD
D8909	9GJ1SS355	J	Diode		AD
COILS					
L8901	9GJATH1074	J	Choke Coil 100μH/0.45A		AH
L8902	9GJATH1081	J	Coil 22μH/0.11A(Chip)		AE
L8903	9GJATH1081	J	Coil 22μH/0.11A(Chip)		AE

CAPACITORS

C8901	9GJCEHV470M16	J	47	16V Electrolytic	AD
C8902	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code
C8903	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8904	9GJCEHV100M35	J	10	35V Electrolytic	AL
C8905	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8906	9GJCCSRCH101J5	J	100p	50V Ceramic	AD
C8907	9GJCEVNP2R2M35	J	2.2	35V Electrolytic	AL
C8908	9GJCEHV470M16	J	47	16V Electrolytic	AD
C8909	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8910	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8911	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8912	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8913	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8914	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8915	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8916	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8917	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8920	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8921	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C8922	9GJCEHV100M16	J	10	16V Electrolytic	AE

RESISTORS

R8901	9GJRS1/2S1R5J	J	1.5	1/2W Chip	AL
R8902	9GJRS1/2S1R5J	J	1.5	1/2W Chip	AL
R8902	9GJRS1/2S1R5J	J	1.5	1/2W Chip	AL
R8903	9GJRS1/2S2R2J	J	2.2	1/2W Chip	AE
R8903	9GJRS1/2S2R2J	J	2.2	1/2W Chip	AE
R8904	9GJRS1/2S2R2J	J	2.2	1/2W Chip	AE
R8904	9GJRS1/2S2R2J	J	2.2	1/2W Chip	AE
R8905	9GJRS1/2S2R2J	J	2.2	1/2W Chip	AE
R8905	9GJRS1/2S2R2J	J	2.2	1/2W Chip	AE
R8906	9GJRS1/16S1002	J	10k	1/16W Chip	AC
R8907	9GJRS1/16S1002	J	10k	1/16W Chip	AC
R8908	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R8909	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R8910	9GJRS1/16S273J	J	27k	1/16W Chip	AC
R8911	9GJRS1/16S682J	J	6.8k	1/16W Chip	AC
R8912	9GJRS1/16S682J	J	6.8k	1/16W Chip	AC
R8913	9GJRS1/16S105J	J	1M	1/16W Chip	AC
R8914	9GJRS1/16S332J	J	3.3k	1/16W Chip	AC
R8915	9GJRS1/16S333J	J	33k	1/16W Chip	AC
R8916	9GJRS1/16S272J	J	2.7k	1/16W Chip	AC
R8917	9GJRS1/16S333J	J	33k	1/16W Chip	AC
R8918	9GJRS1/16S333J	J	33k	1/16W Chip	AC
R8919	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R8920	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R8921	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R8922	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R8923	9GJRS1/16S104J	J	100k	1/16W Chip	AC
R8926	9GJRS1/16S4701	J	4.7k	1/16W Chip	AC
R8927	9GJRS1/16S4701	J	4.7k	1/16W Chip	AC
R8928	9GJRS1/16S2202	J	22k	1/16W Chip	AL
R8929	9GJRS1/16S2202	J	22k	1/16W Chip	AL
R8930	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R8931	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R8932	9GJRS1/16S5602	J	56k	1/16W Chip	AL
R8933	9GJRS1/16S4702	J	47k	1/16W Chip	AC
R8934	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R8937	9GJRS1/16S1002	J	10k	1/16W Chip	AC
R8938	9GJRS1/16S1002	J	10k	1/16W Chip	AC
R8939	9GJRS1/16S4701	J	4.7k	1/16W Chip	AC
R8940	9GJRS1/16S4701	J	4.7k	1/16W Chip	AC
R8941	9GJRS1/16S1002	J	10k	1/16W Chip	AC
R8942	9GJRS1/16S682J	J	6.8k	1/16W Chip	AC
R8946	9GJRS1/16S2202	J	22k	1/16W Chip	AL
R8947	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R8948	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R8949	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R8951	9GJRS1/16S220J	J	22	1/16W Chip	AC
R8952	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R8954	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R8955	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R8958	9GJRS1/16S1202	J	12k	1/16W Chip	AL
R8959	9GJRS1/16S4702	J	47k	1/16W Chip	AC
R8960	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R8961	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R8962	9GJRS1/16S682J	J	6.8k	1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV6690					
SUB ADDRESS B ASSY (Continued)					
R8964	9GJRS1/16S1802	J	18k	1/16W Chip	AL
R8965	9GJRS1/16S682J	J	6.8k	1/16W Chip	AC
R8968	9GJRS1/16S220J	J	22	1/16W Chip	AC
MISCELLANEOUS PARTS					
CN8901	9GJS3B-PH-SM3	J		PH Connector	AF
CN8902	9GJS8B-PH-SM3	J		PH Connector	AL
CN8903	9GJAKM1205	J		Connector, 23-pin	AN
9GJAWV1903					
DIGITAL VIDEO ASSY					
[INTERFACE BLOCK]					
INTEGRATED CIRCUITS					
IC1001	9GJTC74VHC541F	J		TC74VHC541F	AN
IC1002	9GJTC74VHC541F	J		TC74VHC541F	AN
IC1003	9GJTC74VHC541F	J		TC74VHC541F	AN
IC1004	9GJTC74VHC541F	J		TC74VHC541F	AN
IC1005	9GJTC74VHC541F	J		TC74VHC541F	AN
IC1006	9GJTC74VHC541F	J		TC74VHC541F	AN
IC1007	9GJTC74VHC541F	J		TC74VHC541F	AN
IC1008	9GJTC74VHC541F	J		TC74VHC541F	AN
FILTERS					
F1001	9GJATF1194	J		EMI Filter	AL
F1002	9GJATF1194	J		EMI Filter	AL
F1003	9GJATF1194	J		EMI Filter	AL
F1004	9GJATF1194	J		EMI Filter	AL
F1005	9GJATF1194	J		EMI Filter	AL
F1006	9GJATF1194	J		EMI Filter	AL
CAPACITORS					
C1001	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C1002	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C1003	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C1004	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C1005	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C1006	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C1007	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C1008	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
RESISTORS					
R1001	9GJRAB4C103J	J		Resistor Array	AB
R1002	9GJRAB4C103J	J		Resistor Array	AB
R1003	9GJRAB4C103J	J		Resistor Array	AB
R1004	9GJRAB4C103J	J		Resistor Array	AB
R1005	9GJRAB4C103J	J		Resistor Array	AB
R1006	9GJRAB4C103J	J		Resistor Array	AB
R1007	9GJRAB4C103J	J		Resistor Array	AB
R1008	9GJRAB4C470J	J		Resistor Array	AB
R1009	9GJRAB4C470J	J		Resistor Array	AB
R1010	9GJRAB4C470J	J		Resistor Array	AB
R1011	9GJRAB4C470J	J		Resistor Array	AB
R1012	9GJRAB4C470J	J		Resistor Array	AB
R1013	9GJRAB4C470J	J		Resistor Array	AB
R1014	9GJRAB4C470J	J		Resistor Array	AB
R1015	9GJRAB4C470J	J		Resistor Array	AB
R1016	9GJRAB4C470J	J		Resistor Array	AB
R1017	9GJRAB4C470J	J		Resistor Array	AB
R1019	9GJRAB4C470J	J		Resistor Array	AB
R1020	9GJRAB4C470J	J		Resistor Array	AB
R1023	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1024	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1025	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1026	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1027	9GJRAB4C470J	J		Resistor Array	AB
R1028	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1029	9GJRS1/16S470J	J	47	1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
R1030	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1031	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1032	9GJRAB4C470J	J		Resistor Array	AB
R1034	9GJRAB4C470J	J		Resistor Array	AB
R1035	9GJRAB4C470J	J		Resistor Array	AB
R1036	9GJRAB4C103J	J		Resistor Array	AB
R1037	9GJRAB4C470J	J		Resistor Array	AB
R1038	9GJRAB4C470J	J		Resistor Array	AB
R1039	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1040	9GJRAB4C470J	J		Resistor Array	AB
R1041	9GJRAB4C470J	J		Resistor Array	AB
R1042	9GJRAB4C470J	J		Resistor Array	AB
R1043	9GJRAB4C470J	J		Resistor Array	AB
R1044	9GJRAB4C101J	J		Resistor Array	AB
R1045	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1046	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1047	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1048	9GJRAB4C470J	J		Resistor Array	AB
R1049	9GJRAB4C470J	J		Resistor Array	AB
R1050	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1051	9GJRAB4C470J	J		Resistor Array	AB
R1052	9GJRAB4C470J	J		Resistor Array	AB
R1053	9GJRAB4C470J	J		Resistor Array	AB
R1054	9GJRAB4C470J	J		Resistor Array	AB
R1059	9GJRS1/16S100J	J	10	1/16W Chip	AC
R1060	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1061	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1062	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1063	9GJRAB4C103J	J		Resistor Array	AB
R1064	9GJRAB4C103J	J		Resistor Array	AB
R1065	9GJRAB4C103J	J		Resistor Array	AB
R1066	9GJRAB4C103J	J		Resistor Array	AB
R1067	9GJRAB4C103J	J		Resistor Array	AB
R1068	9GJRAB4C103J	J		Resistor Array	AB
R1069	9GJRAB4C103J	J		Resistor Array	AB
R1070	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1071	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1072	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1073	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1074	9GJRS1/16S100J	J	10	1/16W Chip	AC
R1075	9GJRS1/16S473J	J	47k	1/16W Chip	AC
MISCELLANEOUS PARTS					
CN1001	9GJB12B-PH-SM3	J		PH Connector	AH
CN1003	9GJAKM1201	J		Connector 50-pin	AQ
CN1004	9GJAKM1201	J		Connector 50-pin	AQ
[PANEL UCOM BLOCK]					
INTEGRATED CIRCUITS					
IC1101	9GJHD64F2328VF	J		HD64F2328VF	BK
IC1102	9GJPST9228N	J		PST9228N	AL
IC1103	9GJNC7S208P5	J		NC7S208P5	AL
TRANSISTORS					
Q1101	9GJDTC143EK	J		DTC143EK	AL
Q1103	9GJDTC143EK	J		DTC143EK	AL
DIODE					
D1101	9GJAE1171	J		LED(Red/Green)	AF
PACKAGED CIRCUIT					
X1101	9GJASS1160	J		Ceramic Resonator (25MHz)	AL
CAPACITORS					
C1101	9GJCEV101M4	J	100	4V Electrolytic	AD
C1102	9GJCKSRYB102K5	J	1000p	50V Chip	AD
C1103	9GJCKSRYF104Z1	J	0.1	16V Chip	AD
C1104	9GJCKSRYF104Z1	J	0.1	16V Chip	AD
C1105	9GJCKSRYF104Z1	J	0.1	16V Chip	AD
C1106	9GJCKSRYF104Z1	J	0.1	16V Chip	AD
C1107	9GJCKSRYF104Z1	J	0.1	16V Chip	AD
C1108	9GJCKSRYF104Z1	J	0.1	16V Chip	AD
C1109	9GJCKSRYB102K5	J	1000p	50V Chip	AD

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWV1903**DIGITAL VIDEO ASSY (Continued)**

C1110	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
C1111	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
C1112	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
C1113	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
C1114	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
C1115	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
C1116	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
C1117	9GJCKSRYB103K5	J	0.01	50V	Chip	AD
C1118	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
C1119	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
C1120	9GJCKSRYB472K5	J	4700p	50V	Chip	AD
C1121	9GJCKSRYB103K5	J	0.01	50V	Chip	AD
C1122	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
C1123	9GJCCSRCH7R0D5	J	7p	50V	Chip	AD
C1124	9GJCCSRCH7R0D5	J	7p	50V	Chip	AD
C1125	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
C1126	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
C1127	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
C1128	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
C1129	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
C1130	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
C1131	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
C1132	9GJCKSRYB102K5	J	1000p	50V	Chip	AD

RESISTORS

R1101	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R1103	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R1104	9GJRAB4C472J	J			Resistor Array	AL
R1105	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1106	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1107	9GJRAB4C472J	J			Resistor Array	AL
R1108	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1109	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1110	9GJRAB4C472J	J			Resistor Array	AL
R1112	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1113	9GJRAB4C472J	J			Resistor Array	AL
R1114	9GJRAB4C472J	J			Resistor Array	AL
R1115	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1116	9GJRAB4C472J	J			Resistor Array	AL
R1117	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1119	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1120	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1121	9GJRAB4C472J	J			Resistor Array	AL
R1122	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1123	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1124	9GJRAB4C472J	J			Resistor Array	AL
R1125	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1126	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R1127	9GJRAB4C472J	J			Resistor Array	AL
R1128	9GJRD1/4PU473J	J			Resistor Array	AL
R1129	9GJRAB4C472J	J			Resistor Array	AL
R1130	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1131	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1132	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1134	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1136	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1137	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC

**[MODULE UCOM BLOCK]
INTEGRATED CIRCUITS**

IC1201	9GJTC74VHC21FT	J	TC74VHC21FT	AL
IC1202	9GJTC74VHC08FT	J	TC74VHC08FT	AL
IC1203	9GJTC74VHCT541	J	TC74VHCT541	AM
NSP IC1204	9GJ24LC04B(I)SN	—	24LC04B(I)SN	—
IC1205	9GJTC74VHC541F	J	TC74VHC541F	AN
NSP IC1206	9GJTC7W126FU	—	TC7W126FU	—
IC1208	9GJPST9246N	J	PST9246N	AL

DIODES

D1201	9GJ1SS355	J	Diode	AD
D1202	9GJ1SS355	J	Diode	AD

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

PACKAGED CIRCUIT

X1201	9GJASS1159	J	Ceramic Resonator (16MHz)	AL
-------	------------	---	------------------------------	----

CAPACITORS

C1201	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1202	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1203	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1204	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1205	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1206	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1207	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1208	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1209	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1210	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1211	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1212	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1213	9GJCCSRCH470J5	J	47p	50V	Chip	AD
C1214	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1215	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1216	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1217	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1218	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1219	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1221	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1222	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1223	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1224	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1225	9GJCEV470M6R3	J	6.3	47V	Electrolytic	AC
C1226	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1227	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1228	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1229	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1230	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1231	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1232	9GJCEV470M6R3	J	6.3	47V	Electrolytic	AC
C1233	9GJCKSRYB472K5	J	4700p	50V	Ceramic(Chip)	AD
C1234	9GJCKSRYB103K5	J	0.01	50V	Ceramic(Chip)	AD
C1235	9GJCCSRCH7R0D5	J	7p	50V	Chip	AD
C1236	9GJCCSRCH7R0D5	J	7p	50V	Chip	AD
C1237	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1238	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1239	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1240	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1241	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1242	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1243	9GJCCSRCH470J5	J	47p	50V	Chip	AD
C1244	9GJCCSRCH470J5	J	47p	50V	Chip	AD
C1245	9GJCCSRCH470J5	J	47p	50V	Chip	AD
C1246	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1247	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1248	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1249	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C1250	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD

RESISTORS

R1203	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R1202	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1204	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1205	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1207	9GJRAB4C123J	J			Resistor Array	AL
R1208	9GJRS1/16S123J	J	12k	1/16W	Chip	AC
R1209	9GJRAB4C101J	J			Resistor Array	AB
R1210	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1211	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1212	9GJRS1/16S123J	J	12k	1/16W	Chip	AC
R1213	9GJRAB4C473J	J			Resistor Array	AL
R1214	9GJRAB4C101J	J			Resistor Array	AB
R1215	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1216	9GJRAB4C473J	J			Resistor Array	AL
R1217	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1218	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1219	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1220	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1221	9GJRS1/16S474J	J	470k	1/16W	Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWV1903**DIGITAL VIDEO ASSY (Continued)**

R1222	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1223	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1224	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1227	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R1228	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R1229	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R1230	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R1231	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1232	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R1234	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R1235	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1236	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1237	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1238	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1239	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1240	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1242	9GJRAB4C103J	J		Resistor Array	AB
R1243	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1244	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1245	9GJRAB4C101J	J		Resistor Array	AB
R1246	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1247	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1248	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1249	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1250	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1251	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R1252	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R1253	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1254	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R1255	9GJRS1/16S682J	J	6.8k	1/16W Chip	AC
R1256	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1257	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1258	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R1259	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1260	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1261	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R1262	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R12260	9GJRS1/16S473J	J	47k	1/16W Chip	AC

MISCELLANEOUS PARTS

CN1201	9GJCKS3130	J	Plug, 8-pin	AL
CN1202	9GJCKS3130	J	Plug, 8-pin	AL
CN1203	9GJB3B-PH-SM3	J	PH Connector	AF

**[DIGITAL BLOCK]
INTEGRATED CIRCUITS**

IC1301	9GJPD6358A	J	PD6358A	BZ
IC1401	9GJPD6358A	J	PD6358A	BZ
IC1501	9GJTC74VCX541F	J	TC74VCX541F	AQ
IC1502	9GJTC74VCX541F	J	TC74VCX541F	AQ
IC1601	9GJTC74VCX541F	J	TC74VCX541F	AQ
IC1602	9GJTC74VCX541F	J	TC74VCX541F	AQ
IC1701	9GJTC74VHCT541	J	TC74VHCT541	AM
IC1702	9GJTC74VHC541F	J	TC74VHC541F	AN
IC1703	9GJPE5064A	J	PE5064A	BP
IC1704	9GJNC7SZ08P5	J	NC7SZ08P5	AL
IC1801	9GJTC74VHC541F	J	TC74VHC541F	AN
IC1802	9GJFS781BZB	J	FS781BZB	AU
IC1803	9GJTC74VHC74FT	J	TC74VHC74FT	AH

DIODES

D1301	9GJ1SS226	J	Diode	AD
D1302	9GJ1SS226	J	Diode	AD
D1303	9GJ1SS226	J	Diode	AD
D1304	9GJ1SS226	J	Diode	AD
D1305	9GJ1SS226	J	DiodeV	AD

PACKAGED CIRCUIT

X1801	9GJASS1146	J	Crystal Resonator (50.000MHz)	AS
-------	------------	---	----------------------------------	----

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

FILTERS

F1301	9GJATF1194	J	EMI Filter	AL
F1302	9GJATF1194	J	EMI Filter	AL
F1303	9GJATF1194	J	EMI Filter	AL
F1304	9GJATF1194	J	EMI Filter	AL
F1501	9GJATF1194	J	EMI Filter	AL
F1502	9GJATF1194	J	EMI Filter	AL
F1503	9GJATF1194	J	EMI Filter	AL
F1504	9GJATF1194	J	EMI Filter	AL
F1505	9GJATF1194	J	EMI Filter	AL
F1601	9GJATF1194	J	EMI Filter	AL
F1602	9GJATF1194	J	EMI Filter	AL
F1603	9GJATF1194	J	EMI Filter	AL
F1604	9GJATF1194	J	EMI Filter	AL
F1605	9GJATF1194	J	EMI Filter	AL

CAPACITORS

C1303	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1304	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1305	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1306	9GJCEV101M4	J	100	4V	Electrolytic	AD
C1307	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1308	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1319	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1320	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1321	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1322	9GJCEV101M4	J	100	4V	Electrolytic	AD
C1323	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1324	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1325	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1326	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1327	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1328	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1329	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1330	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1331	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1332	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1333	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1334	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1335	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1336	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1403	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1404	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1405	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1406	9GJCEV101M4	J	100	4V	Electrolytic	AD
C1407	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1408	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1409	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1410	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1411	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1412	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1413	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1414	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1415	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1416	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1417	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1418	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1419	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1420	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1421	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1422	9GJCEV101M4	J	100	4V	Electrolytic	AD
C1423	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1424	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1425	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1426	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1427	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1428	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1429	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1430	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1431	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1432	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1433	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1434	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1435	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1436	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWV1903**DIGITAL VIDEO ASSY (Continued)**

C1501	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1503	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1504	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1505	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1506	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1507	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1508	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1601	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1603	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1605	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1606	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1607	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1608	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1701	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1702	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1703	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1704	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1705	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1706	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1707	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1708	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1709	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1710	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1711	9GJCEV101M4	J	100	4V	Electrolytic	AD
C1712	9GJCKSRYB102K5	J	1000p	50V	Ceramic(Chip)	AD
C1713	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1802	9GJCEV100M16	J	10	16V	Electrolytic	AD
C1803	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1804	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1805	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1806	9GJCEV101M4	J	100	4V	Electrolytic	AD
C1807	9GJCCSRCH271J5	J	270p	50V	Ceramic(Chip)	AD

RESISTORS

R1301	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1303	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1304	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1306	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1307	9GJRAB4C220J	J			Resistor Array	AB
R1308	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1310	9GJRAB4C220J	J			Resistor Array	AB
R1311	9GJRAB4C220J	J			Resistor Array	AB
R1312	9GJRAB4C220J	J			Resistor Array	AB
R1313	9GJRAB4C220J	J			Resistor Array	AB
R1314	9GJRAB4C220J	J			Resistor Array	AB
R1315	9GJRAB4C220J	J			Resistor Array	AB
R1317	9GJRAB4C220J	J			Resistor Array	AB
R1318	9GJRAB4C220J	J			Resistor Array	AB
R1319	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1321	9GJRAB4C220J	J			Resistor Array	AB
R1322	9GJRAB4C220J	J			Resistor Array	AB
R1325	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1326	9GJRAB4C220J	J			Resistor Array	AB
R1326	9GJRAB4C220J	J			Resistor Array	AB
R1327	9GJRAB4C220J	J			Resistor Array	AB
R1327	9GJRAB4C220J	J			Resistor Array	AB
R1328	9GJRAB4C220J	J			Resistor Array	AB
R1328	9GJRAB4C220J	J			Resistor Array	AB
R1329	9GJRAB4C220J	J			Resistor Array	AB
R1329	9GJRAB4C220J	J			Resistor Array	AB
R1330	9GJRAB4C220J	J			Resistor Array	AB
R1330	9GJRAB4C220J	J			Resistor Array	AB
R1331	9GJRAB4C220J	J			Resistor Array	AB
R1332	9GJRAB4C220J	J			Resistor Array	AB
R1332	9GJRAB4C220J	J			Resistor Array	AB
R1333	9GJRAB4C220J	J			Resistor Array	AB
R1333	9GJRAB4C220J	J			Resistor Array	AB
R1334	9GJRAB4C220J	J			Resistor Array	AB
R1334	9GJRAB4C220J	J			Resistor Array	AB
R1335	9GJRAB4C220J	J			Resistor Array	AB

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

R1335	9GJRAB4C220J	J			Resistor Array	AB
R1336	9GJRAB4C220J	J			Resistor Array	AB
R1336	9GJRAB4C220J	J			Resistor Array	AB
R1337	9GJRAB4C220J	J			Resistor Array	AB
R1337	9GJRAB4C220J	J			Resistor Array	AB
R1338	9GJRAB4C220J	J			Resistor Array	AB
R1338	9GJRAB4C220J	J			Resistor Array	AB
R1339	9GJRAB4C220J	J			Resistor Array	AB
R1339	9GJRAB4C220J	J			Resistor Array	AB
R1340	9GJRAB4C220J	J			Resistor Array	AB
R1340	9GJRAB4C220J	J			Resistor Array	AB
R1341	9GJRAB4C220J	J			Resistor Array	AB
R1341	9GJRAB4C220J	J			Resistor Array	AB
R1342	9GJRAB4C220J	J			Resistor Array	AB
R1342	9GJRAB4C220J	J			Resistor Array	AB
R1343	9GJRAB4C220J	J			Resistor Array	AB
R1343	9GJRAB4C220J	J			Resistor Array	AB
R1344	9GJRAB4C220J	J			Resistor Array	AB
R1344	9GJRAB4C220J	J			Resistor Array	AB
R1347	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1348	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1349	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1350	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1351	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1401	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1402	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1403	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1404	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1407	9GJRAB4C220J	J			Resistor Array	AB
R1409	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1410	9GJRAB4C220J	J			Resistor Array	AB
R1411	9GJRAB4C220J	J			Resistor Array	AB
R1412	9GJRAB4C220J	J			Resistor Array	AB
R1413	9GJRAB4C220J	J			Resistor Array	AB
R1414	9GJRAB4C220J	J			Resistor Array	AB
R1415	9GJRAB4C220J	J			Resistor Array	AB
R1417	9GJRAB4C220J	J			Resistor Array	AB
R1418	9GJRAB4C220J	J			Resistor Array	AB
R1419	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1421	9GJRAB4C220J	J			Resistor Array	AB
R1422	9GJRAB4C220J	J			Resistor Array	AB
R1425	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1426	9GJRAB4C220J	J			Resistor Array	AB
R1427	9GJRAB4C220J	J			Resistor Array	AB
R1428	9GJRAB4C220J	J			Resistor Array	AB
R1429	9GJRAB4C220J	J			Resistor Array	AB
R1430	9GJRAB4C220J	J			Resistor Array	AB
R1431	9GJRAB4C220J	J			Resistor Array	AB
R1432	9GJRAB4C220J	J			Resistor Array	AB
R1433	9GJRAB4C220J	J			Resistor Array	AB
R1434	9GJRAB4C220J	J			Resistor Array	AB
R1435	9GJRAB4C220J	J			Resistor Array	AB
R1436	9GJRAB4C220J	J			Resistor Array	AB
R1437	9GJRAB4C220J	J			Resistor Array	AB
R1438	9GJRAB4C220J	J			Resistor Array	AB
R1439	9GJRAB4C220J	J			Resistor Array	AB
R1440	9GJRAB4C220J	J			Resistor Array	AB
R1441	9GJRAB4C220J	J			Resistor Array	AB
R1442	9GJRAB4C220J	J			Resistor Array	AB
R1443	9GJRAB4C220J	J			Resistor Array	AB
R1444	9GJRAB4C220J	J			Resistor Array	AB
R1501	9GJRAB4C470J	J			Resistor Array	AB
R1502	9GJRAB4C101J	J			Resistor Array	AB
R1514	9GJRAB4C470J	J			Resistor Array	AB
R1517	9GJRAB4C101J	J			Resistor Array	AB
R1539	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
R1540	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
R1541	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
R1542	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
R1543	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1544	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1545	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1546	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1547	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1548	9GJRS1/16S824J	J	820k	1/16W	Chip	AL

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWV1903

DIGITAL VIDEO ASSY (Continued)

R1551	9GJRS1/2S680J	J	68	1/2W	Chip	AL
R1552	9GJRS1/2S680J	J	68	1/2W	Chip	AL
R1606	9GJRAB4C101J	J			Resistor Array	AB
R1607	9GJRAB4C470J	J			Resistor Array	AB
R1622	9GJRAB4C101J	J			Resistor Array	AB
R1627	9GJRAB4C470J	J			Resistor Array	AB
R1639	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
R1640	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
R1641	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
R1642	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
R1643	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1644	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1645	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1646	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1647	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1648	9GJRS1/16S824J	J	820k	1/16W	Chip	AL
R1649	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1701	9GJRAB4C470J	J			Resistor Array	AB
R1702	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1703	9GJRAB4C470J	J			Resistor Array	AB
R1704	9GJRAB4C470J	J			Resistor Array	AB
R1705	9GJRAB4C470J	J			Resistor Array	AB
R1706	9GJRAB4C470J	J			Resistor Array	AB
R1707	9GJRAB4C470J	J			Resistor Array	AB
R1708	9GJRAB4C470J	J			Resistor Array	AB
R1709	9GJRAB4C470J	J			Resistor Array	AB
R1710	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1711	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1712	9GJRAB4C470J	J			Resistor Array	AB
R1713	9GJRAB4C470J	J			Resistor Array	AB
R1714	9GJRAB4C470J	J			Resistor Array	AB
R1715	9GJRAB4C470J	J			Resistor Array	AB
R1716	9GJRAB4C470J	J			Resistor Array	AB
R1717	9GJRAB4C470J	J			Resistor Array	AB
R1718	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1719	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1721	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R1722	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1723	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1801	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1802	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R1803	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R1804	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R1805	9GJRS1/16S820J	J	82	1/16W	Chip	AC
R1806	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1807	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1808	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1809	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1810	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1811	9GJRS1/16S332J	J	3.3k	1/16W	Chip	AC
R1812	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R1813	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R1815	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1816	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1817	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R1818	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1819	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1820	9GJRS1/16S820J	J	82	1/16W	Chip	AC
R1821	9GJRS1/16S820J	J	82	1/16W	Chip	AC

MISCELLANEOUS PARTS

CN1301	9GJCKS3130	J			Plug, 8-pin	AL
CN1501	9GJAKM1202	J			Connector, 55-pin	AS
CN1502	9GJAKM1202	J			Connector, 55-pin	AS
CN1503	9GJB8B-PH-SM3	J			PH Connector	AG
CN1504	9GJAKM1202	J			Connector, 55-pin	AS
CN1505	9GJAKM1202	J			Connector, 55-pin	AS
CN1601	9GJAKM1202	J			Connector, 55-pin	AS
CN1602	9GJAKM1202	J			Connector, 55-pin	AS
CN1603	9GJB8B-PH-SM3	J			PH Connector	AG
CN1604	9GJAKM1202	J			Connector, 55-pin	AS

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

CN1605	9GJAKM1202	J		Connector, 55-pin	AS
CN1701	9GJAKM1201	J		Connector, 50-pin	AQ
CN1702	9GJKF050HA30L	J		Connector, 30-pin	AL

[D-D CONVERTER BLOCK] TRANSISTORS

Q1901	9GJHN1C01FU	J		HN1C01FU	AL
Q1902	9GJ2SC2712	J		2SC2712	AC
Q1903	9GJDTC143EK	J		DTC143EK	AL
Q1904	9GJHN1C01FU	J		HN1C01FU	AL
Q1905	9GJ2SC2712	J		2SC2712	AC
Q1906	9GJHN1C01FU	J		HN1C01FU	AL
Q1907	9GJ2SC2712	J		2SC2712	AC

DIODES

D1901	9GJUDZS6.8B	J		Zener Diode	AD
D1902	9GJUDZ3.6B	J		Zener Diode	AD
D1903	9GJ1SS355	J		Diode	AD
D1904	9GJ1SS355	J		Diode	AD
D1905	9GJ1SS355	J		Diode	AD
D1906	9GJ1SS355	J		Diode	AD
D1907	9GJUDZS5.1B	J		Zener Diode	AD
D1908	9GJHZU2.2B	J		Zener Diode	AL
D1909	9GJUDZ3.6B	J		Zener Diode	AD
D1911	9GJ1SS355	J		Diode	AD
D1912	9GJ1SS355	J		Diode	AD

CAPACITORS

C1901	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1902	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1903	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1904	9GJCEV220M16	J	220	16V	Electrolytic	AD
C1905	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1906	9GJCEV220M16	J	220	16V	Electrolytic	AD
C1907	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1908	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1909	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1910	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1911	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1912	9GJCEV220M16	J	220	16V	Electrolytic	AD

RESISTORS

R1901	9GJRS1/16S122J	J	1.2k	1/16W	Chip	AC
R1902	9GJRS1/16S122J	J	1.2k	1/16W	Chip	AC
R1903	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1904	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1905	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1906	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1907	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1908	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1909	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1910	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R1911	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1912	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1913	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1914	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1915	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1916	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1917	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1918	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1919	9GJRS1/16S122J	J	1.2k	1/16W	Chip	AC
R1920	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R1921	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1922	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R1923	9GJRS1/16S122J	J	1.2k	1/16W	Chip	AC
R1924	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R1925	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1926	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R1927	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1928	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1929	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1930	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1931	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R1932	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R1933	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV1903					
DIGITAL VIDEO ASSY (Continued)					
R1934		9GJRS1/16S0R0J	J 0	1/16W Chip	AC
R1935		9GJRS1/2S680J	J 68	1/2W Chip	AL
R1936		9GJRS1/2S680J	J 68	1/2W Chip	AL

MISCELLANEOUS PARTS

CN1901		9GJB13B-PH-SM3	J	PH Connector	AH
1901		9GJAXY1054	J	DC-DC Converter	BH

9GJAWZ6694
MR INTERFACE ASSY**[INTERFACE ACE BLOCK]**
INTEGRATED CIRCUITS

IC4001		9GJQP05DZ51	J	PQ05DZ51	AN
IC4002		9GJQP20VZ1U	J	PQ20VZ1U	AN
IC4003		9GJQP20VZ1U	J	PQ20VZ1U	AN
IC4004		9GJQP20VZ1U	J	PQ20VZ1U	AN
IC4006		9GJTC74VHCT541	J	TC74VHCT541	AM
IC4007		9GJM5223AFP	J	M5223AFP	AG
IC4008		9GJTC74HC00AF	J	TC74HC00AF	AL
IC4009		9GJTC74HC00AF	J	TC74HC00AF	AL
IC4010		9GJM5223AFP	J	M5223AFP	AG
IC4011		9GJCXA1875AM	J	CXA1875AM	AR
IC4012		9GJTC74HC4066A	J	TC74HC4066A	AK
IC4013		9GJPST9228N	J	PST9228N	AL

TRANSISTORS

Q4001		9GJHN1C01FU	J	HN1C01FU	AL
Q4002		9GJHN1C01FU	J	HN1C01FU	AL
Q4003		9GJ2SA1162	J	2SA1162	AD
Q4004		9GJ2SA1162	J	2SA1162	AD
Q4005		9GJHN1C01FU	J	HN1C01FU	AL
Q4006		9GJHN1C01FU	J	HN1C01FU	AL
Q4007		9GJ2SC2712	J	2SC2712	AC
Q4008		9GJHN1B04FU	J	HN1B04FU	AD
Q4009		9GJ2SC2712	J	2SC2712	AC
Q4010		9GJ2SA1162	J	2SA1162	AD
Q4011		9GJRN2902	J	RN2902	AL
Q4012		9GJDTC124EK	J	DTC124EK	AD
Q4013		9GJ2SC2712	J	2SC2712	AC
Q4014		9GJHN1A01FU	J	HN1A01FU	AL
Q4015		9GJRN2902	J	RN2902	AL
Q4016		9GJDTC124EK	J	DTC124EK	AD
Q4017		9GJ2SC2712	J	2SC2712	AC
Q4018		9GJ2SC2712	J	2SC2712	AC
Q4019		9GJDTC124EK	J	DTC124EK	AD
Q4020		9GJDTC124EK	J	DTC124EK	AD
Q4021		9GJDTC124EK	J	DTC124EK	AD
Q4022		9GJDTC124EK	J	DTC124EK	AD

DIODES

D4002		9GJ1SS355	J	Diode	AD
D4003		9GJ1SS355	J	Diode	AD
D4004		9GJ1SS355	J	Diode	AD
D4005		9GJ1SS355	J	Diode	AD
D4006		9GJ1SS355	J	Diode	AD
D4007		9GJ1SS184	J	Diode	AD
D4008		9GJ1SS184	J	Diode	AD

CAPACITORS

C4001		9GJCEAT101M10	J 100	10V Electrolytic	AD
C4002		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4003		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4004		9GJCEAT101M10	J 100	10V Electrolytic	AD
C4005		9GJCEAT101M10	J 100	10V Electrolytic	AD
C4006		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4007		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4008		9GJCEAT101M10	J 100	10V Electrolytic	AD

Mark	Ref. No.	Part No.	★	Description	Code
C4010		9GJCEAT101M10	J 100	10V Electrolytic	AD
C4012		9GJCEAT101M10	J 100	10V Electrolytic	AD
C4013		9GJCEAT101M10	J 100	10V Electrolytic	AD
C4014		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4015		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4016		9GJCEAT101M10	J 100	10V Electrolytic	AD
C4017		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4018		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4019		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4023		9GJCCSRCH102J5	J 1000p	50V Ceramic	AD
C4024		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4025		9GJCCSRCH220J5	J 22p	50V Ceramic	AD
C4026		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4027		9GJCKSRFY103Z5	J 0.01	50V Ceramic	AD
C4028		9GJCKSRFY103Z5	J 0.01	50V Ceramic	AD
C4029		9GJCCSRCH471J5	J 470	50V Ceramic	AD
C4030		9GJCCSRCH471J5	J 470	50V Ceramic	AD
C4031		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4032		9GJCCSRCH220J5	J 22p	50V Ceramic	AD
C4033		9GJCKSRFY103Z5	J 0.01	50V Ceramic	AD
C4034		9GJCKSRBY105K6	J 1	6.3V Electrolytic	AL
C4035		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4036		9GJCCSRCH102J5	J 1000p	50V Ceramic	AD
C4037		9GJCCSRCH102J5	J 1000p	50V Ceramic	AD
C4038		9GJCKSRBY105K6	J 1	6.3V Electrolytic	AL
C4039		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4040		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4041		9GJCEAT101M10	J 100	10V Electrolytic	AD
C4042		9GJCEAT101M10	J 100	10V Electrolytic	AD
C4043		9GJCKSRBY474K1	J 0.47	10V Ceramic	AL
C4044		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4045		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4046		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4047		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4049		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4050		9GJCKSRBY105K6	J 1	6.3V Electrolytic	AL
C4051		9GJCKSRFY103Z5	J 0.01	50V Ceramic	AD
C4052		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4053		9GJCCSRCH471J5	J 470	50V Ceramic	AD
C4054		9GJCCSRCH471J5	J 470	50V Ceramic	AD
C4055		9GJCKSRFY104Z1	J 0.1	16V Ceramic	AD
C4056		9GJCKSRBY105K6	J 1	6.3V Electrolytic	AL

RESISTORS

R4001		9GJRS1/16S101J	J 100	1/16W Chip	AC
R4004		9GJRS1/16S8200	J 820	1/16W Chip	AL
R4005		9GJRS1/16S8200	J 820	1/16W Chip	AL
R4006		9GJRS2MMF2R2J	J 2.2	2W Metal Oxide	AL
R4007		9GJRS1/16S1001	J 1k	1/16W Chip	AL
R4008		9GJRS1/16S223J	J 22k	1/16W Chip	AC
R4009		9GJRS1/16S223J	J 22k	1/16W Chip	AC
R4010		9GJRS1/16S223J	J 22k	1/16W Chip	AC
R4011		9GJRS1/16S223J	J 22k	1/16W Chip	AC
R4012		9GJRS1/16S223J	J 22k	1/16W Chip	AC
R4013		9GJRS1/16S223J	J 22k	1/16W Chip	AC
R4014		9GJRS1/16S1001	J 1k	1/16W Chip	AL
R4015		9GJRS1/16S1001	J 1k	1/16W Chip	AL
R4016		9GJRS1/16S102J	J 1k	1/16W Chip	AC
R4017		9GJRS1/16S223J	J 22k	1/16W Chip	AC
R4019		9GJRAB4C101J	J	Resistor Array	AB
R4024		9GJRS1/16S101J	J 100	1/16W Chip	AC
R4025		9GJRS1/16S101J	J 100	1/16W Chip	AC
R4026		9GJRS1/16S220J	J 22	1/16W Chip	AC
R4027		9GJRS1/16S220J	J 22	1/16W Chip	AC
R4028		9GJRS1/16S220J	J 22	1/16W Chip	AC
R4029		9GJRS1/16S220J	J 22	1/16W Chip	AC
R4030		9GJRS1/16S223J	J 22k	1/16W Chip	AC
R4031		9GJRS1/16S223J	J 22k	1/16W Chip	AC
R4035		9GJRAB4C101J	J	Resistor Array	AB
R4036		9GJRS1/16S102J	J 1k	1/16W Chip	AC
R4041		9GJRS1/16S0R0J	J 0	1/16W Chip	AC
R4043		9GJRS1/16S101J	J 100	1/16W Chip	AC
R4044		9GJRS1/16S223J	J 22k	1/16W Chip	AC
R4046		9GJRS1/16S223J	J 22k	1/16W Chip	AC
R4047		9GJRS1/16S223J	J 22k	1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWZ6694**MR INTERFACE ASSY (Continued)**

R4048	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R4049	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R4050	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4051	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R4052	9GJRS1/16S104J	J	100k	1/16W Chip	AC
R4054	9GJRAB4C101J	J		Resistor Array	AB
R4055	9GJRS1/16S104J	J	100k	1/16W Chip	AC
R4056	9GJRAB4C471J	J		Resistor Array	AL
R4057	9GJRS1/16S5601	J	5.6k	1/16W Chip	AL
R4059	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4060	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R4061	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4065	9GJRS1/16S683J	J	68k	1/16W Chip	AC
R4066	9GJRAB4C101J	J		Resistor Array	AB
R4067	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4069	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4070	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4071	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4073	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R4074	9GJRS1/16S3301	J	3.3k	1/16W Chip	AC
R4075	9GJRS1/16S4701	J	4.7k	1/16W Chip	AL
R4076	9GJRS1/16S333J	J	33k	1/16W Chip	AC
R4077	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R4078	9GJRS1/16S2202	J	22k	1/16W Chip	AL
R4080	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4081	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4082	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4083	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4084	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4085	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4086	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4087	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R4088	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R4089	9GJRS1/16S105J	J	1M	1/16W Chip	AC
R4090	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4091	9GJRS1/16S100J	J	10	1/16W Chip	AC
R4092	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4093	9GJRS1/16S8201	J	8.2k	1/16W Chip	AL
R4094	9GJRS1/16S3301	J	3.3k	1/16W Chip	AC
R4095	9GJRS1/16S333J	J	33k	1/16W Chip	AC
R4096	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4097	9GJRS1/16S391J	J	390	1/16W Chip	AC
R4098	9GJRS1/16S2201	J	2.2k	1/16W Chip	AC
R4099	9GJRS1/16S391J	J	390	1/16W Chip	AC
R4100	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R4101	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4102	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R4103	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4104	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4105	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R4106	9GJRS1/16S1002	J	10k	1/16W Chip	AC
R4107	9GJRS1/16S1502	J	15k	1/16W Chip	AL
R4108	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4109	9GJRS1/16S104J	J	100k	1/16W Chip	AC
R4110	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R4111	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R4112	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R4113	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4114	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4115	9GJRS1/16S8200	J	820	1/16W Chip	AL
R4116	9GJRS1/16S8200	J	820	1/16W Chip	AL
R4117	9GJRS1/16S1001	J	1k	1/16W Chip	AL
R4118	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4119	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4120	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4121	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4122	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R4123	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R4124	9GJRS1/16S5602	J	56k	1/16W Chip	AL
R4125	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4126	9GJRS1/16S103J	J	10k	1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

R4127	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R4128	9GJRS1/16S224J	J	220k	1/16W Chip	AC
R4129	9GJRS1/16S224J	J	220k	1/16W Chip	AC
R4130	9GJRS1/16S224J	J	220k	1/16W Chip	AC
R4131	9GJRS1/16S224J	J	220k	1/16W Chip	AC
R4132	9GJRS1/16S104J	J	100k	1/16W Chip	AC
R4133	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R4134	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R4135	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4136	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4137	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4138	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4139	9GJRS1/16S153J	J	15k	1/16W Chip	AC
R4140	9GJRS1/16S153J	J	15k	1/16W Chip	AC
R4141	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4142	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4143	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R4144	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4145	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R4146	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R4147	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R4148	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4149	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R4150	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R4151	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R4152	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R4153	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R4154	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R4157	9GJRS1/16S332J	J	3.3k	1/16W Chip	AC
R4158	9GJRS1/16S101J	J	100	1/16W Chip	AC

SWITCHES

S4001	9GJASH1010	J			AL
S4004	9GJASH1010	J			AL

MISCELLANEOUS PARTS

NSP	CN4002	9GJAKP1194	—	Socket, 20-pin	—
	CN4003	9GJAKP1216	J	DVI Socket, 24-pin	AT
	CN4004	9GJAKM1180	J	Connector, 50-pin	AN
	CN4005	9GJAKM1180	J	Connector, 50-pin	AN
	CN4006	9GJB3B-PH-SM3	J	PH Connector, 3-pin	AF
	CN4007	9GJB7B-PH-SM3	J	PH Connector, 7-pin	AG
	CN4008	9GJCKS3130	J	Plug, 8-pin	AL
	CN4009	9GJB3B-PH-SM3	J	PH Connector, 3-pin	AF

**[TMD5 RECEIVER BLOCK]
INTEGRATED CIRCUITS**

	IC4201	9GJ24LC01B	J	24LC01B	AK
NSP	IC4203	9GJ24LC128(I)SN	—	24LC128(I)SN	—
	IC4205	9GJPST9228N	J	PST9228N	AL

Note: When exchanging the following parts, it becomes unit replacement correspondence.

IC4202	Not Available	—	24LC32A	—
IC4204	Not Available	—	SII861CM208	—

TRANSISTORS

Q4201	9GJHN1C01FU	J	HN1C01FU	AL
Q4202	9GJHN1C01FU	J	HN1C01FU	AL
Q4203	9GJDTC124EK	J	DTC124EK	AD
Q4204	9GJDTC124EK	J	DTC124EK	AD
Q4205	9GJDTA124EK	J	DTA124EK	AD
Q4206	9GJDTA124EK	J	DTA124EK	AD
Q4207	9GJDTC124EK	J	DTC124EK	AD
Q4208	9GJDTC124EK	J	DTC124EK	AD
Q4209	9GJ2SA1162	J	2SA1162	AD
Q4210	9GJDTC124EK	J	DTC124EK	AD
Q4211	9GJDTC124EK	J	DTC124EK	AD
Q4212	9GJ2SA1162	J	2SA1162	AD
Q4213	9GJDTA124EK	J	DTA124EK	AD
Q4214	9GJDTC124EK	J	DTC124EK	AD

DIODES

D4201	9GJ1SS184	J	Diode	AD
D4202	9GJRD6.8MB	J	Zener Diode	AD
D4203	9GJ1SS226	J	Diode	AD

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWV6694

MR INTERFACE ASSY (Continued)

D4204	9GJ1SS226	J	Diode	AD
D4205	9GJ1SS355	J	Diode	AD
D4206	9GJ1SS355	J	Diode	AD
D4207	9GJ1SS355	J	Diode	AD
D4208	9GJ1SS355	J	Diode	AD
D4209	9GJ1SS355	J	Diode	AD

PACKAGED CIRCUIT

X4201	9GJASS1163	J	Crystal Resonator (16.000MHz)	AW
-------	------------	---	----------------------------------	----

FILTERS

F4201	9GJATF1194	J	EMI Filter	AL
F4203	9GJATF1194	J	EMI Filter	AL
F4204	9GJATF1194	J	EMI Filter	AL
F4205	9GJATF1194	J	EMI Filter	AL

CAPACITORS

C4201	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4202	9GJCEAT470M10	J	47	10V	Electrolytic	AL
C4203	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4204	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4205	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4206	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4207	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4208	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4209	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4210	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4211	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4212	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4213	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4214	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4215	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4216	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4217	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4218	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4219	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4220	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4221	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4222	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4223	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4224	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4225	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4226	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4227	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4228	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4229	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4230	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4231	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4232	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4233	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4234	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4235	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4236	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4237	9GJCEAT470M10	J	47	10V	Electrolytic	AL
C4238	9GJCEAT470M10	J	47	10V	Electrolytic	AL
C4239	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4240	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4241	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4242	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4243	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4244	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4245	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4246	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4247	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4248	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4249	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4250	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4251	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4252	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4253	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD

C4254	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4255	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4256	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4257	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4258	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4259	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4260	9GJCKSRYB472K5	J	4700p	50V	Ceramic	AD
C4261	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4262	9GJCCSRCH471J5	J	470p	50V	Ceramic(Chip)	AD
C4263	9GJCKSRYB474K1	J	0.47	10V	Ceramic	AL
C4264	9GJCKSRYB103K5	J	0.01	50V	Ceramic	AD
C4265	9GJCKSRYB105K6	J	1	6.3V	Ceramic	AL
C4266	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4267	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4268	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4269	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4270	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD

RESISTORS

R4201	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4202	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4203	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4204	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4205	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4206	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4207	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4208	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4209	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4210	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4211	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4212	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4213	9GJRAB4C181J	J			Resistor Array	AL
R4214	9GJRAB4C181J	J			Resistor Array	AL
R4215	9GJRAB4C181J	J			Resistor Array	AL
R4216	9GJRAB4C181J	J			Resistor Array	AL
R4217	9GJRAB4C181J	J			Resistor Array	AL
R4218	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4219	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4220	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4221	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4222	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R4223	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4224	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4225	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4226	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R4227	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4228	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4229	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4230	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4231	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4232	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4233	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R4235	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4236	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4237	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4238	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4239	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4241	9GJRAB4C680J	J			Resistor Array	AL
R4242	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R4243	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4244	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4245	9GJRAB4C181J	J			Resistor Array	AL
R4246	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R4247	9GJRAB4C181J	J			Resistor Array	AL
R4248	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4249	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4250	9GJRS1/16S5100	J	510	1/16W	Chip	AL
R4251	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4252	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R4253	9GJRAB4C181J	J			Resistor Array	AL
R4254	9GJRAB4C181J	J			Resistor Array	AL
R4255	9GJRAB4C181J	J			Resistor Array	AL
R4256	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4257	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4258	9GJRS1/16S181J	J	180	1/16W	Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWZ6694**MR INTERFACE ASSY (Continued)**

R4259	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4260	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4261	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R4262	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R4263	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4264	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
R4265	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
R4266	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4267	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4268	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4269	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4270	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4271	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4272	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4273	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4274	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4275	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4276	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4277	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC

**[AUDIO BLOCK]
TRANSISTORS**

Q4401	9GJ2SC2712	J	2SC2712			AC
Q4402	9GJ2SC2712	J	2SC2712			AC
Q4403	9GJ2SA1162	J	2SA1162			AD

DIODES

D4401	9GJ1SS355	J	Diode			AD
D4402	9GJ1SS355	J	Diode			AD
D4403	9GJ1SS355	J	Diode			AD
D4404	9GJ1SS355	J	Diode			AD

CAPACITORS

C4402	9GJCEAT220M50	J	22	50V	Electrolytic	AL
C4403	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4407	9GJCEAT101M25	J	100	25V	Electrolytic	AL
C4408	9GJCEANP100M50	J	10	50V	Electrolytic	AL
C4410	9GJCKSRYF104Z1	J	0.1	16V	Electrolytic	AD
C4417	9GJCEANP100M50	J	10	50V	Electrolytic	AL
C4425	9GJCEAT470M25	J	47	25V	Electrolytic	AC
C4426	9GJCEAT470M25	J	47	25V	Electrolytic	AC

RESISTORS

R4402	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R4403	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R4405	9GJRS1/16S154J	J	150k	1/16W	Chip	AC
R4406	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4407	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R4410	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R4411	9GJRS1/16S152J	J	1.5k	1/16W	Chip	AC
R4412	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4413	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4415	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4425	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R4426	9GJRS1/16S152J	J	1.5k	1/16W	Chip	AC
R4427	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4428	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4434	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4440	9GJRS1/16S152J	J	1.5k	1/16W	Chip	AC
R4441	9GJRS1/16S152J	J	1.5k	1/16W	Chip	AC

MISCELLANEOUS PARTS

CN4403	9GJB7B-PH-SM3	J	PH Connector, 7-pin			AG
CN4404	9GJB8B-PH-SM3	J	PH Connector, 8-pin			AG

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWZ6655**LED ASSY****DIODE**

D4751	9GJAE1170	J	LED(Red/Green)			AF
-------	-----------	---	----------------	--	--	----

MISCELLANEOUS PARTS

CN4751	9GJS3B-PH-SM3	J	PH Connector, 3-pin			AF
--------	---------------	---	---------------------	--	--	----

**9GJAWZ6656
FRONT KEY ASSY****CAPACITORS**

C4801	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C4802	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD
C4803	9GJCKSRYF104Z1	J	0.1	16V	Ceramic(Chip)	AD

RESISTORS

R4801	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4802	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4803	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R4804	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4805	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4806	9GJRS1/16S102J	J	1k	1/16W	Chip	AC

SWITCHES

S4801	9GJASG1088	J				AL
S4802	9GJASG1088	J				AL
S4803	9GJASG1088	J				AL
S4804	9GJASG1088	J				AL
S4805	9GJASG1088	J				AL
S4806	9GJASG1088	J				AL

MISCELLANEOUS PARTS

CN4801	9GJAKM1208	J	FFC Connector, 6-pin			AL
--------	------------	---	----------------------	--	--	----

**9GJAWZ6657
FRONT KEY CONN ASSY****DIODES**

D4851	9GJ1SS226	J	Diode			AD
D4852	9GJ1SS226	J	Diode			AD

MISCELLANEOUS PARTS

CN4851	9GJAKM1208	J	FFC Connector, 6-pin			AL
CN4852	9GJB4B-PH-SM3	J	PH Connector, 4-pin			AN

**9GJAWZ6659
IR RECEIVE (P) ASSY****TRANSISTOR**

Q4951	9GJ2SC2712	J	2SC2712			AC
-------	------------	---	---------	--	--	----

DIODE

D4951	9GJ1SS355	J	Diode			AD
-------	-----------	---	-------	--	--	----

CAPACITORS

C4951	9GJCEV470M6R3	J	47	6.3V	Electrolytic	AD
C4952	9GJCKSRYB103K5	J	0.01	50V	Ceramic	AD
C4953	9GJCKSRYB472K5	J	4700p	50V	Ceramic	AD
C4954	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

R4951	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4952	9GJRS1/16S223J	J	22k	1/16W	Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

9GJAWZ6659

IR RECEIVE (P) ASSY (Continued)

R4953	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R4954	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4955	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4956	9GJRS1/16S101J	J	100	1/16W	Chip	AC

MISCELLANEOUS PARTS

CN4951	9GJKM200NA3	J	Plug, 3-pin			AC
NSP 4951	9GJGP1UM261RK	—	R/C Receiver Unit			—

9GJAWZ6660

SENSOR ASSY

INTEGRATED CIRCUITS

IC4701	9GJM5223AFP	J	M5223AFP			AG
IC4702	9GJLM50CIM3	J	LM50CIM3			AN

CAPACITORS

C4701	9GJCKSRFY104Z1	J	0.1	16V	Ceramic	AD
C4702	9GJCKSRFY105Z1	J	1	10V	Ceramic	AD
C4703	9GJCKSRFY105Z1	J	1	10V	Ceramic	AD
C4704	9GJCKSRFY103K5	J	0.01	50V	Ceramic	AD
C4705	9GJCEV470M6R3	J	47	6.3V	Electrolytic	AD

RESISTORS

R4702	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4705	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R4706	9GJRS1/16S3001	J	3k	1/16W	Chip	AL
R4707	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4708	9GJRS1/16S3001	J	3k	1/16W	Chip	AL
R4710	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC

9GJAWZ6687

AUDIO AMP ASSY

INTEGRATED CIRCUITS

NSP IC5001	9GJPQ12RD1B	—	PQ12RD1B			—
IC5002	9GJLA4628	J	LA4628			AY
IC5201	9GJNJM2193L	J	NJM2193L			AZ
IC5202	9GJCXA2021S	J	CXA2021S			BF

TRANSISTORS

Q5002	9GJ2SA1048	J	2SA1048			AL
Q5005	9GJ2SA1048	J	2SA1048			AL
Q5009	9GJ2SC2458	J	2SC2458			AL
Q5012	9GJ2SC2458	J	2SC2458			AL
Q5013	9GJ2SC2458	J	2SC2458			AL

COIL

L5001	9GJATX1037	J	Ferrite Core			AR
-------	------------	---	--------------	--	--	----

CAPACITORS

C5002	9GJCEHAT471M16	J	470	16V	Electrolytic	AE
C5003	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL
C5005	9GJCEHAT331M16	J	330	16V	Electrolytic	AL
C5006	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL
C5013	9GJCEHAT472M25	J	4.7k	25V	Electrolytic	AN
C5014	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
C5015	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
C5016	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL
C5029	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
C5032	9GJCEHAT2R2M50	J	2.2	50V	Electrolytic	AL
C5033	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
C5034	9GJCEHAT2R2M50	J	2.2	50V	Electrolytic	AL
C5035	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
C5042	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL

Mark	Ref. No.	Part No.	★	Description			Code
	C5043	9GJCQMA122J50	J	1200p	50V	Ceramic	AL
	C5044	9GJCEHAT330M25	J	33	25V	Electrolytic	AL
	C5045	9GJCEHATR47M50	J	0.47	50V	Electrolytic	AL
	C5046	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
	C5050	9GJCEHAT330M25	J	33	25V	Electrolytic	AL
	C5051	9GJCEHAT330M25	J	33	25V	Electrolytic	AL
	C5052	9GJCQMA122J50	J	1200p	50V	Ceramic	AL
	C5053	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
	C5056	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
	C5201	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C5203	9GJCCCCCH221J50	J	220p	50V	Ceramic	AL
	C5204	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
	C5205	9GJCQMA122J50	J	1200p	50V	Ceramic	AL
	C5206	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C5207	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL
	C5208	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
	C5210	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL
	C5211	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
	C5212	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
	C5213	9GJCEHANP220M2	J	22	25V	Electrolytic	AL
	C5214	9GJCFTLA224J50	J	0.22	50V	Ceramic	AL
	C5215	9GJCQMA392J50	J	3900p	50V	Ceramic	AL
	C5216	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
	C5217	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
	C5218	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
	C5219	9GJCFTLA473J50	J	0.047	50V	Ceramic	AL
	C5220	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
	C5221	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
	C5222	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
	C5223	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
	C5224	9GJCQMA222J50	J	2200p	50V	Ceramic	AC
	C5225	9GJCFTLA333J50	J	0.033	50V	Ceramic	AL
	C5226	9GJCEHANP220M2	J	22	25V	Electrolytic	AL
	C5227	9GJCCCCCH221J50	J	220p	50V	Ceramic	AL
	C5228	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
	C5229	9GJCQMA122J50	J	1200p	50V	Ceramic	AL
	C5230	9GJCFTLA224J50	J	0.22	50V	Ceramic	AL
	C5231	9GJCQMA392J50	J	3900p	50V	Ceramic	AL
	C5232	9GJCEHAT100M50	J	10	50V	Electrolytic	AC
	C5233	9GJCEHAT100M50	J	10	50V	Electrolytic	AC
	C5234	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
	C5235	9GJCEHAT100M50	J	10	50V	Electrolytic	AC
	C5236	9GJCFTLA473J50	J	0.047	50V	Ceramic	AL
	C5237	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
	C5238	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
	C5239	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
	C5242	9GJCEHAT221M25	J	220	25V	Electrolytic	AD

RESISTORS

R5001	9GJRD1/2MMF3R9	J	3.9	1/2W	Carbon Film	AC
R5006	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5017	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5027	9GJRD1/4PU103J	J	10k	1/4W	Carbon Film	AL
R5031	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5032	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5034	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5038	9GJRD1/4PU472J	J	4.7k	1/4W	Carbon Film	AL
R5040	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5041	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5045	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5049	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5051	9GJRD1/4PU103J	J	10k	1/4W	Carbon Film	AL
R5052	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5053	9GJRD1/2MMF2R2	J	2.2	1/2W	Carbon Film	AL
R5054	9GJRD1/2MMF2R2	J	2.2	1/2W	Carbon Film	AL
R5061	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5063	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5065	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5066	9GJRD1/4PU472J	J	4.7k	1/4W	Carbon Film	AL
R5068	9GJRD1/4PU103J	J	10k	1/4W	Carbon Film	AL
R5069	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5075	9GJRD1/2MMF2R2	J	2.2	1/2W	Carbon Film	AL
R5076	9GJRD1/2MMF2R2	J	2.2	1/2W	Carbon Film	AL
R5078	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5205	9GJRD1/4PU224J	J	220k	1/4W	Carbon Film	AL

Mark Ref. No. Part No. ★ Description Code

9GJAWZ6687**AUDIO AMP ASSY (Continued)**

R5206	9GJRD1/4PU123J	J	12k	1/4W	Carbon Film	AL
NSP R5207	9GJRD1/4PU243J	—	24k	1/4W	Carbon Film	—
NSP R5208	9GJRD1/4PU391J	—	390	1/4W	Carbon Film	—
NSP R5209	9GJRD1/4PU563J	—	56k	1/4W	Carbon Film	—
R5210	9GJRD1/4PU473J	J	47k	1/4W	Carbon Film	AL
NSP R5211	9GJRD1/4PU243J	—	24k	1/4W	Carbon Film	—
NSP R5212	9GJRD1/4PU621J	—	620	1/4W	Carbon Film	—
R5213	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5214	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5216	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5217	9GJRD1/4PU183J	J	18k	1/4W	Carbon Film	AL
R5218	9GJRD1/4PU473J	J	47k	1/4W	Carbon Film	AL
NSP R5219	9GJRD1/4PU563J	—	56k	1/4W	Carbon Film	—
R5220	9GJRD1/4PU224J	J	220k	1/4W	Carbon Film	AL
R5221	9GJRD1/4PU123J	J	12k	1/4W	Carbon Film	AL
NSP R5222	9GJRD1/4PU243J	—	24k	1/4W	Carbon Film	—
NSP R5223	9GJRD1/4PU243J	—	24k	1/4W	Carbon Film	—
NSP R5224	9GJRD1/4PU621J	—	620	1/4W	Carbon Film	—
NSP R5225	9GJRD1/4PU391J	—	390	1/4W	Carbon Film	—
NSP R5226	9GJRD1/4PU392J	—	3.9k	1/4W	Carbon Film	—
NSP R5227	9GJRD1/4PU622J	—	6.2k	1/4W	Carbon Film	—
R5228	9GJRD1/4PU105J	J	1M	1/4W	Carbon Film	AL
R5229	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5230	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL

MISCELLANEOUS PARTS

J5002	9GJADX2731	J	Housing Wire 8-pin	AN
J5003	9GJADX2729	J	Housing Wire 6-pin	AN
KN5001	9GJANK-142	J	Ground Plate	AC
5001	9GJVBB30P100FN	J	Screw	AD
5002	9GJVBB30P100FN	J	Screw	AD
5004	9GJVBB30P100FN	J	Screw	AD
5005	9GJVBB30P100FN	J	Screw	AD
5006	9GJAEK1818	J	Holder	AF

9GJAWZ6688
SP TERMINAL ASSY**FILTERS**

△	L5301	9GJATF1206	J	Line Filter	AL
△	L5352	9GJATF1206	J	Line Filter	AL

CAPACITORS

△	C5301	9GJCCCCCH221J50	J	220p 50V	Ceramic	AL
△	C5302	9GJCKCYB332K50	J	3300p 50V	Ceramic	AL
△	C5303	9GJCKCYF473Z50	J	0.047 50V	Ceramic	AL
△	C5305	9GJCCCCCH221J50	J	220p 50V	Ceramic	AL
△	C5351	9GJCCCCCH221J50	J	220p 50V	Ceramic	AL
△	C5352	9GJCKCYB332K50	J	3300p 50V	Ceramic	AL
△	C5353	9GJCKCYF473Z50	J	0.047 50V	Ceramic	AL
△	C5355	9GJCCCCCH221J50	J	220p 50V	Ceramic	AL

RESISTORS

△	R5301	9GJRD1/2MMF100	J	10 1/2W	Metal Oxide	AC
△	R5302	9GJRD1/2MMF100	J	10 1/2W	Metal Oxide	AC
△	R5351	9GJRD1/2MMF100	J	10 1/2W	Metal Oxide	AC
△	R5352	9GJRD1/2MMF100	J	10 1/2W	Metal Oxide	AC

MISCELLANEOUS PARTS

CN5301	9GJAKE1058	J	Speaker Terminal, 4-pin	AN
--------	------------	---	-------------------------	----

Mark Ref. No. Part No. ★ Description Code

9GJAWZ1934
V MID CLAMPASSY**TRANSISTORS**

Q9001	9GJ2SC2712	J	2SC2712	AD
Q9002	9GJ2SC2712	J	2SC2712	AD
Q9003	9GJ2SA1162	J	2SA1162	AD
Q9004	9GJ2SA1162	J	2SA1162	AD
NSP Q9005	9GJ2SB950A	—	2SB950A	—
NSP Q9006	9GJ2SB950A	—	2SB950A	—

DIODES

D9001	9GJ1SS355	J	Diode	AD
D9002	9GJ1SS355	J	Diode	AD
D9003	9GJ1SS355	J	Diode	AD
D9004	9GJ1SS355	J	Diode	AD
D9005	9GJ1SS355	J	Diode	AD
D9006	9GJ1SS355	J	Diode	AD
D9007	9GJ1SS355	J	Diode	AD
D9008	9GJ1SS355	J	Diode	AD
D9009	9GJD1FL20U	J	Diode	AG
D9010	9GJD1FL20U	J	Diode	AG
D9011	9GJUDZ27B	J	Diode	AD
D9012	9GJUDZ27B	J	Diode	AD

CAPACITORS

C9001	9GJACG1101	J	0.01 100V	Ceramic	AL
C9002	9GJACG1101	J	0.01 100V	Ceramic	AL
C9003	9GJCKSRYF104Z1	J	0.1 16V	Ceramic	AD
C9004	9GJCKSRYF104Z1	J	0.1 16V	Ceramic	AD
C9005	9GJACG1101	J	0.01 100V	Ceramic	AL
C9006	9GJACG1101	J	0.01 100V	Ceramic	AL

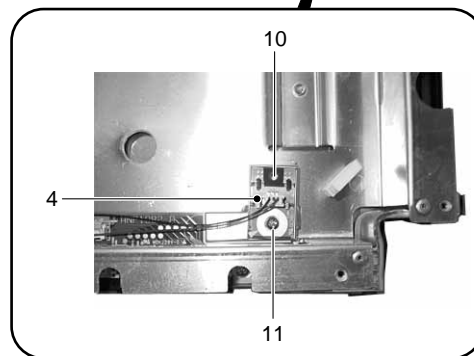
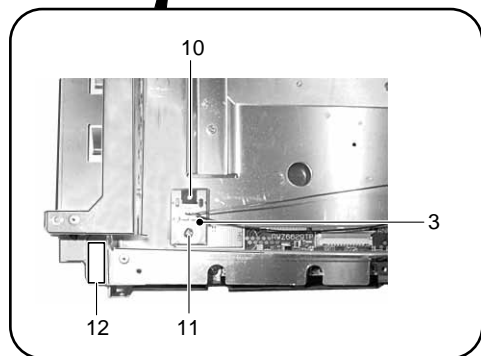
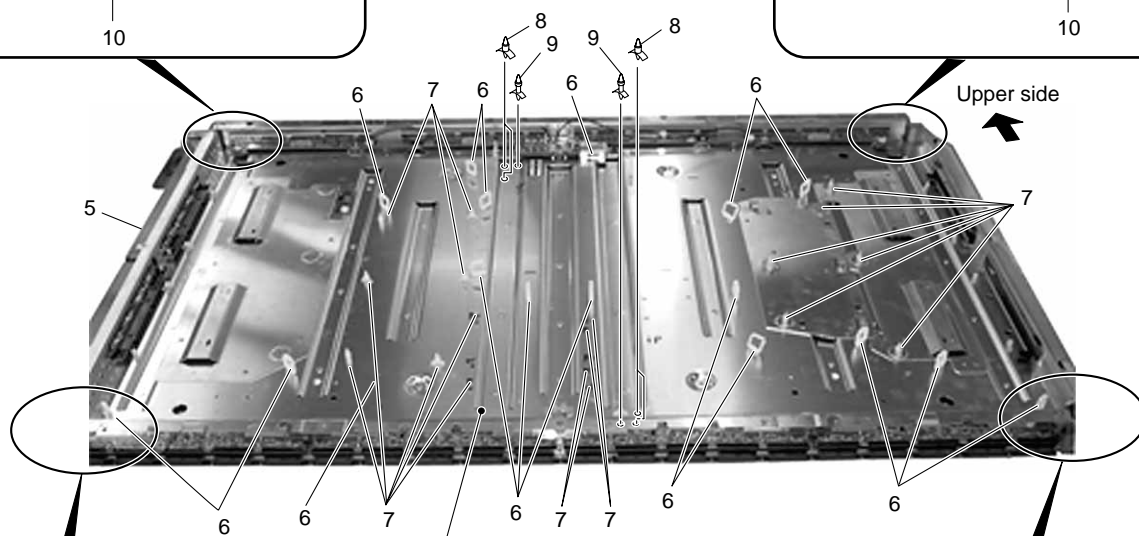
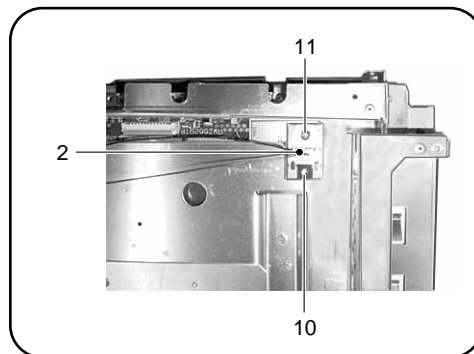
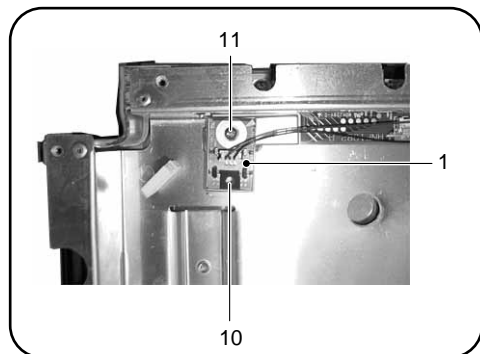
RESISTORS

R9001	9GJRS1/16S0R0J	J	0 1/16W	Chip	AC
R9002	9GJRS1/16S0R0J	J	0 1/16W	Chip	AC
R9003	9GJRS1/16S221J	J	220 1/16W	Chip	AC
R9004	9GJRS1/16S221J	J	220 1/16W	Chip	AC
R9005	9GJRS1/16S6801	J	6.8k 1/16W	Chip	AL
R9006	9GJRS1/16S1002	J	10k 1/16W	Chip	AC
R9007	9GJRS1/16S2202	J	22k 1/16W	Chip	AL
R9008	9GJRS1/16S2202	J	22k 1/16W	Chip	AL
R9009	9GJRS1/16S2202	J	22k 1/16W	Chip	AL
R9010	9GJRS1/16S2202	J	22k 1/16W	Chip	AL
NSP R9011	9GJRT10PZ680K	—	68 1/16W	Chip	—
NSP R9012	9GJRT10PZ680K	—	68 1/16W	Chip	—
NSP R9013	9GJRT10PZ680K	—	68 1/16W	Chip	—
NSP R9014	9GJRT10PZ680K	—	68 1/16W	Chip	—
R9015	9GJRS1/16S333J	J	33k 1/16W	Chip	AC
R9016	9GJRS1/16S333J	J	33k 1/16W	Chip	AC
R9017	9GJRS1/16S333J	J	33k 1/16W	Chip	AC
R9018	9GJRS1/16S333J	J	33k 1/16W	Chip	AC
R9019	9GJRS1/16S104J	J	100k 1/16W	Chip	AC
R9020	9GJRS1/16S104J	J	100k 1/16W	Chip	AC
R9021	9GJRS1/16S223J	J	22k 1/16W	Chip	AC
R9022	9GJRS1/16S223J	J	22k 1/16W	Chip	AC
R9023	9GJRS1/16S103J	J	10k 1/16W	Chip	AC
R9024	9GJRS1/16S103J	J	10k 1/16W	Chip	AC
R9028	9GJRS1/16S224J	J	220k 1/16W	Chip	AC

MISCELLANEOUS PARTS

CN9001	9GJB5B-PH-SM3	J	PH Connector	AL
CN9002	9GJB5B-PH-SM3	J	PH Connector	AL
NSP 9001	9GJANH1602	—	Heat Sink-L	—
	9GJBBZ30P080FM	J	Screw	AC

UNDER LAYER SECTION (1)



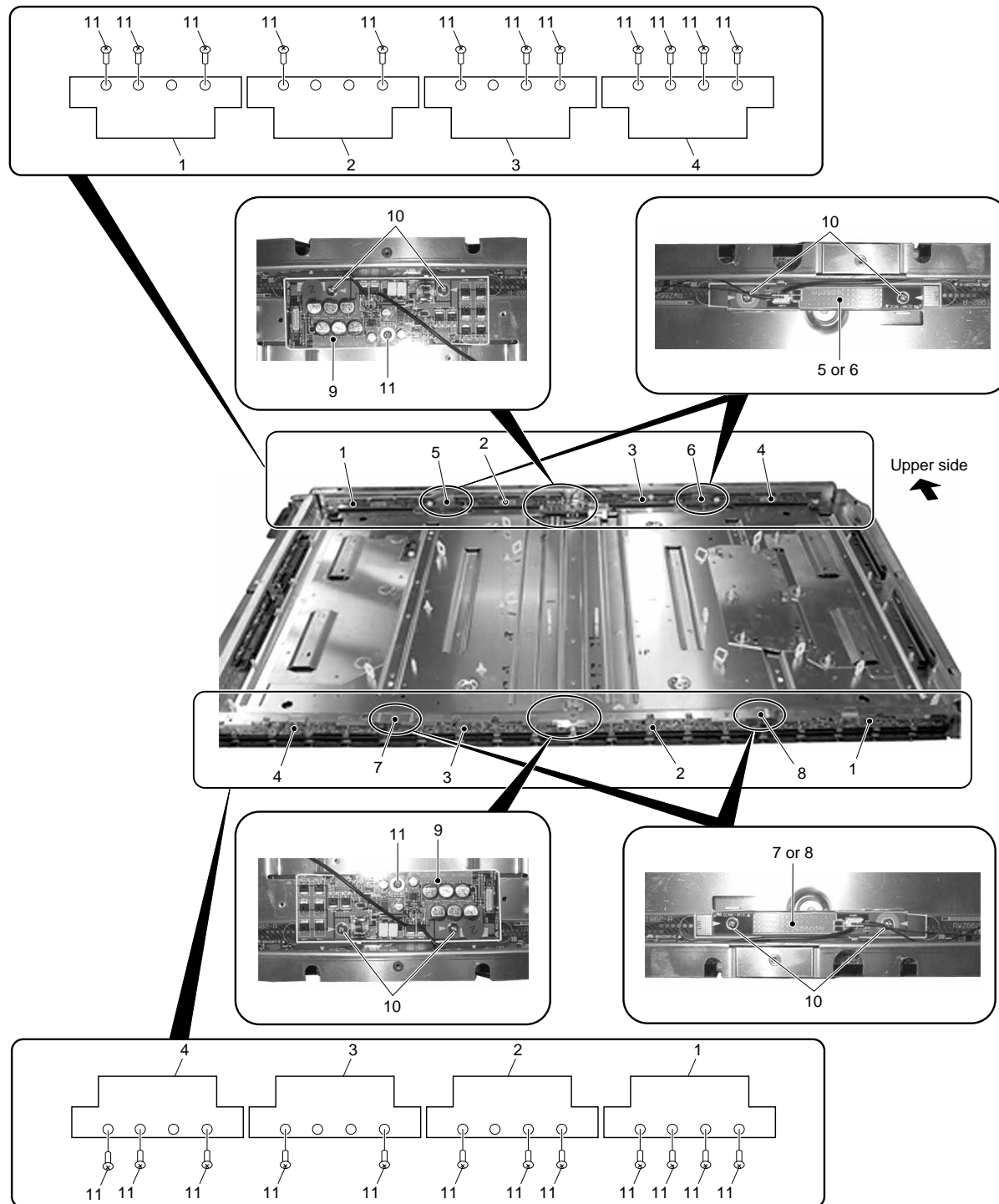
5
Refer to
"PANEL CHASSIS ASSY
(9GJAWU1037)".

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

UNDER LAYER SECTION (1) PARTS LIST

	1	9GJAWZ6650	—	CLAMP A Assy	—
	2	9GJAWZ6651	—	CLAMP B Assy	—
	3	9GJAWZ6652	—	CLAMP C Assy	—
	4	9GJAWZ6653	—	CLAMP D Assy	—
NSP	5	9GJAWU1037	—	Panel Chassis (50) Assy	—
		[Refer to "PANEL CHASSIS (50) ASSY".]			
	6	9GJAE1878	J	Wire Saddle	AF
	7	9GJAE1872	J	Circuit Board Spacer	AE
	8	9GJAE1873	J	Circuit Board Spacer	AD
NSP	9	9GJAE1253	—	PWB Support(PZ-50HV2E)	—
NSP	9	9GJAE1121	—	PWB Support	—
				(PZ-50HV2/50HV2U)	
	10	9GJAE1736	J	Locking Card Spacer	AE
	11	9GJABA1301	J	Screw	AG
	12	9GJAE1205	J	V Cushion	AL

UNDER LAYER SECTION (2)

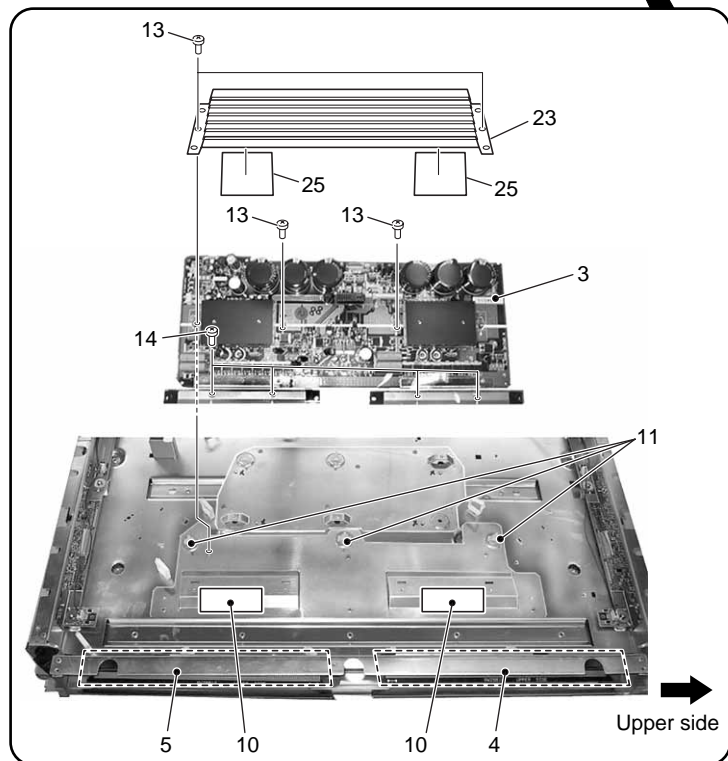
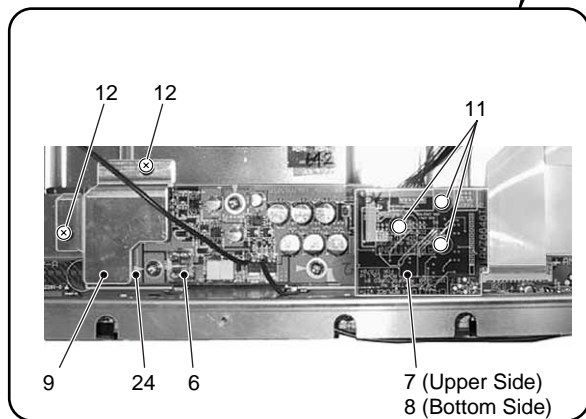
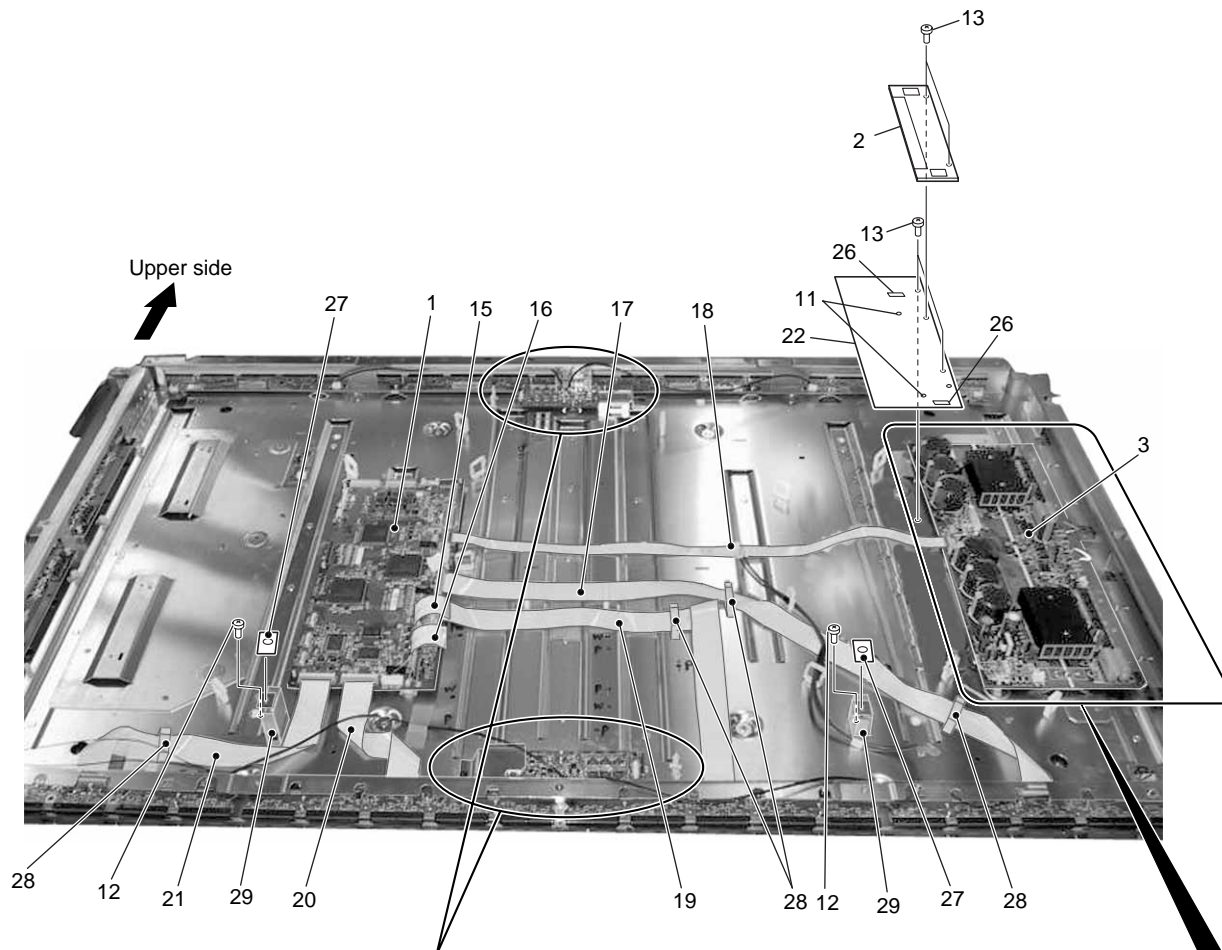


Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

UNDER LAYER SECTION (2) PARTS LIST

NSP 1	9GJAWZ6626	—	ADR CONNECT A Assy	—
NSP 2	9GJAWZ6627	—	ADR CONNECT B Assy	—
NSP 3	9GJAWZ6628	—	ADR CONNECT C Assy	—
NSP 4	9GJAWZ6629	—	ADR CONNECT D Assy	—
5	9GJAWZ6620	—	BRIDGE A Assy	—
6	9GJAWZ6621	—	BRIDGE B Assy	—
7	9GJAWZ6622	—	BRIDGE C Assy	—
8	9GJAWZ6623	—	BRIDGE D Assy	—
9	9GJAWZ6691	—	ADR RESONANCE Assy	—
10	9GJABA1301	J	Screw	AG
11	9GJVBB30P100FN	J	Screw	AD

UNDER LAYER SECTION (3)

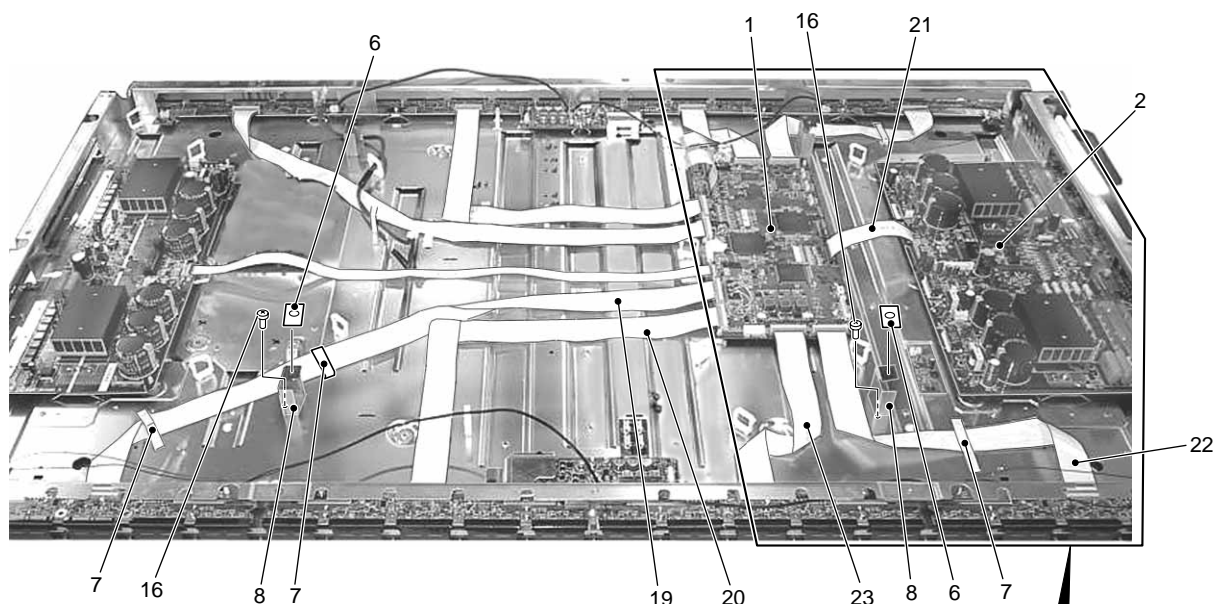


Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

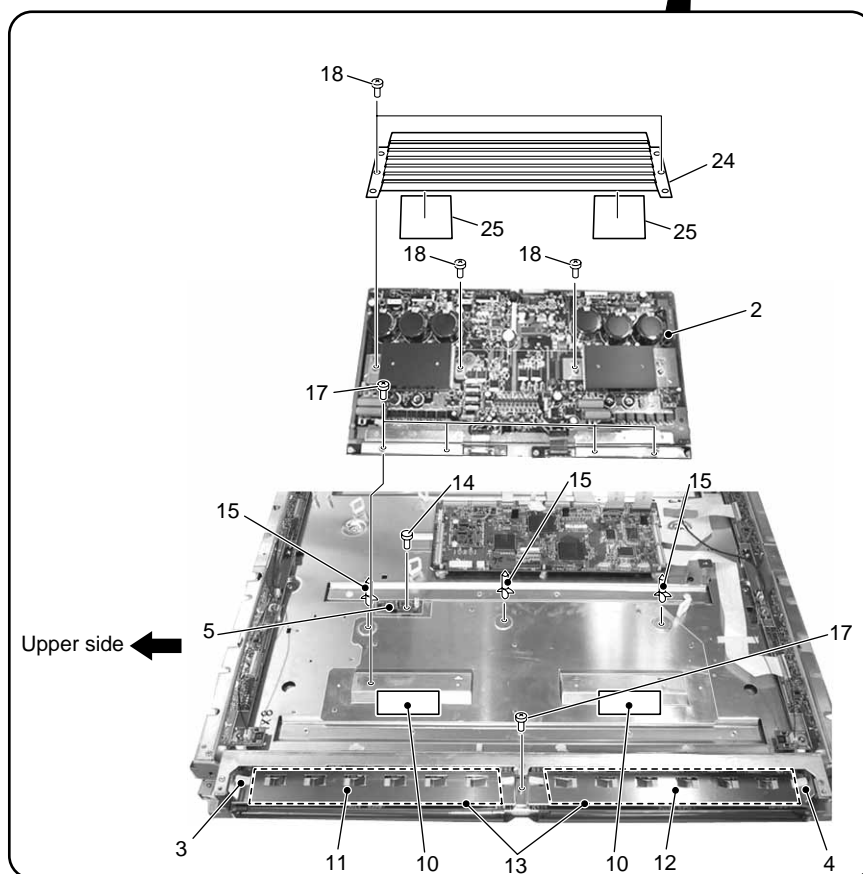
UNDER LAYER SECTION (3) PARTS LIST

	1	9GJAWV1903	—	DIGITAL VIDEO Assy	—
NSP	2	9GJAWV1934	—	V MID CLAMP Assy	—
	3	9GJAWV1901	—	X DRIVE Assy	—
NSP	4	9GJAWZ6618	—	X CONNECTOR (A) Assy	—
NSP	5	9GJAWZ6619	—	X CONNECTOR (B) Assy	—
NSP	6	9GJAWZ6691	—	ADR RESONANCE Assy	—
	7	9GJAWZ6689	—	SUB ADDRESS A Assy	—
	8	9GJAWZ6690	—	SUB ADDRESS B Assy	—
NSP	9	9GJANH1594	—	Scan Heat Sink	—
	10	9GJAEH1048	J	Coil Silicone Sheet	AX
	11	9GJAEH1872	J	Circuit Board Spacer	AE
	12	9GJABZ30P060FM	J	Screw	AD
	13	9GJVBB30P100FN	J	Screw	AD
	14	9GJPMB30P060FN	J	Screw	AD
	15	9GJADD1194	J	J201 Flexible Flat Cable	AL
	16	9GJADD1194	J	J202 Flexible Flat Cable	AL
	17	9GJADD1191	J	J209 Flexible Flat Cable	AU
	18	9GJADD1196	J	J204 Flexible Flat Cable	AQ
	19	9GJADD1190	J	J210 Flexible Flat Cable	AT
	20	9GJADD1186	J	J211 Flexible Flat Cable	AN
	21	9GJADD1188	J	J212 Flexible Flat Cable	AQ
NSP	22	9GJANG2509	—	Holder	—
NSP	23	9GJANH1598	—	Drive Heatsink Assy	—
	24	9GJAEH1039	J	Silicone Sheet	AL
	25	9GJAEH1041	J	Drive Silicone Sheet	AN
	26	9GJBEC1136	J	Niplocker	AL
	27	9GJAMR3263	J	Insulation Sheet	AL
	28	9GJAEH1879	J	Flat Clamp	AL
NSP	29	9GJANG2464	—	Metal Fittings	—

UNDER LAYER SECTION (4)



Upper side

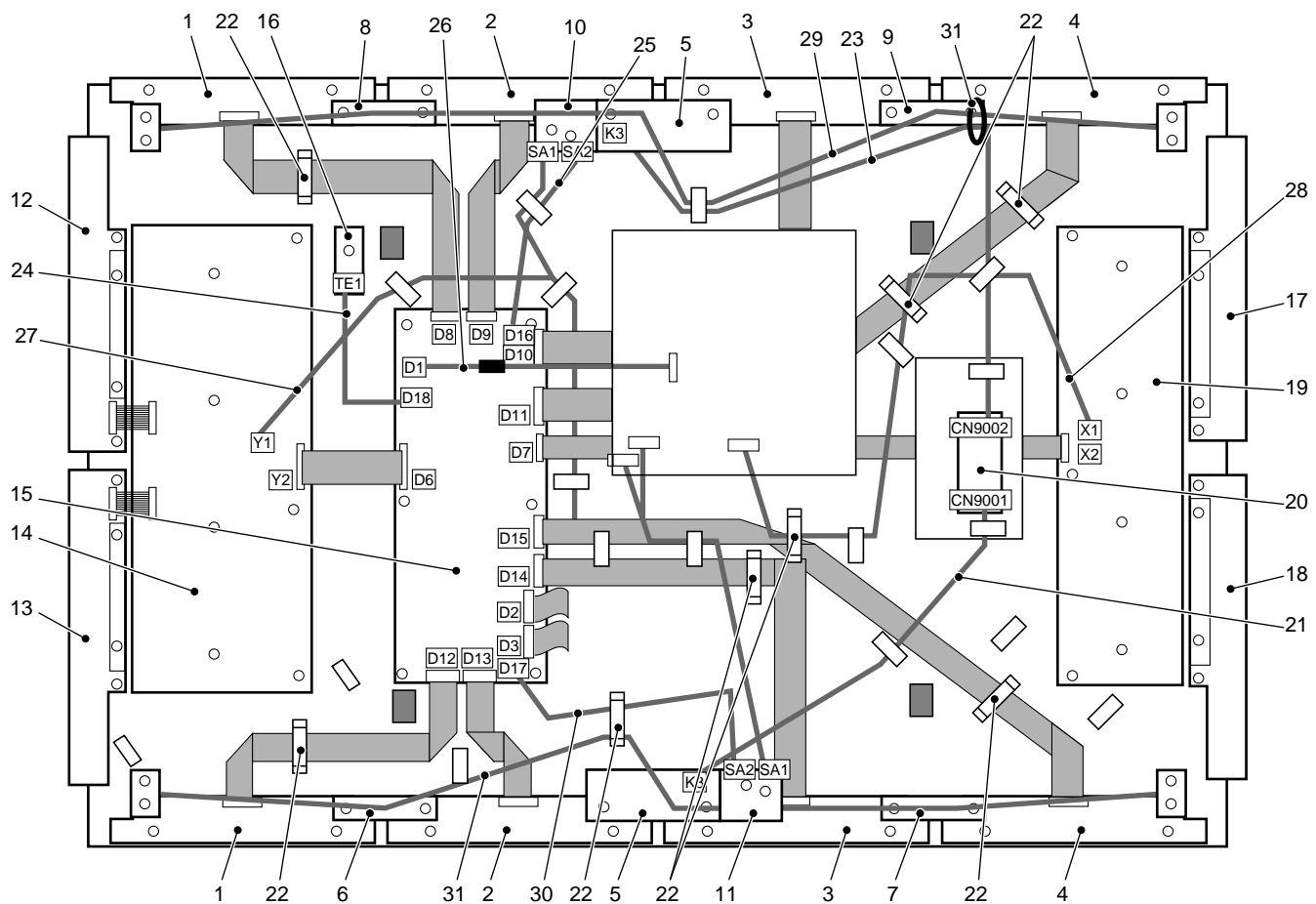


Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

UNDER LAYER SECTION (4) PARTS LIST

	1	9GJAWV1903	—	DIGITAL VIDEO Assy	—
	2	9GJAWZ6645	—	Y DRIVE Assy	—
NSP	3	9GJAWZ6617	—	SCAN (A) Assy	—
NSP	4	9GJAWZ6616	—	SCAN (B) Assy	—
	5	9GJAWZ6660	—	SENSOR Assy	—
	6	9GJAMR3263	J	Insulation Sheet	AL
	7	9GJAE1879	J	Flat Clamp	AL
NSP	8	9GJANG2464	—	Metal Fittings	—
	9	—			
	10	9GJAEH1048	J	Coil Silicone Sheet	AX
	11	9GJABK1026	J	Scan IC Spring (L)	AW
	12	9GJABK1027	J	Scan IC Spring (R)	AW
	13	9GJAMR3271	J	Scan Insulation Sheet	AL
	14	9GJBEC1066	J	Rivet	AL
	15	9GJAE1872	J	Circuit Board Spacer	AE
	16	9GJABZ30P060FM	J	Screw	AD
	17	9GJPMB30P060FN	J	Screw	AD
	18	9GJVBB30P100FN	J	Screw	AD
	19	9GJADD1191	J	J208 Flexible Flat Cable	AU
	20	9GJADD1190	J	J207 Flexible Flat Cable	AT
	21	9GJADD1184	J	J203 Flexible Flat Cable	AL
	22	9GJADD1189	J	J205 Flexible Flat Cable	AS
	23	9GJADD1187	J	J206 Flexible Flat Cable	AQ
NSP	24	9GJANH1598	—	Drive Heatsink Assy	—
	25	9GJAEH1041	J	Drive Silicone Sheet	AN

UNDER LAYER SECTION (5)

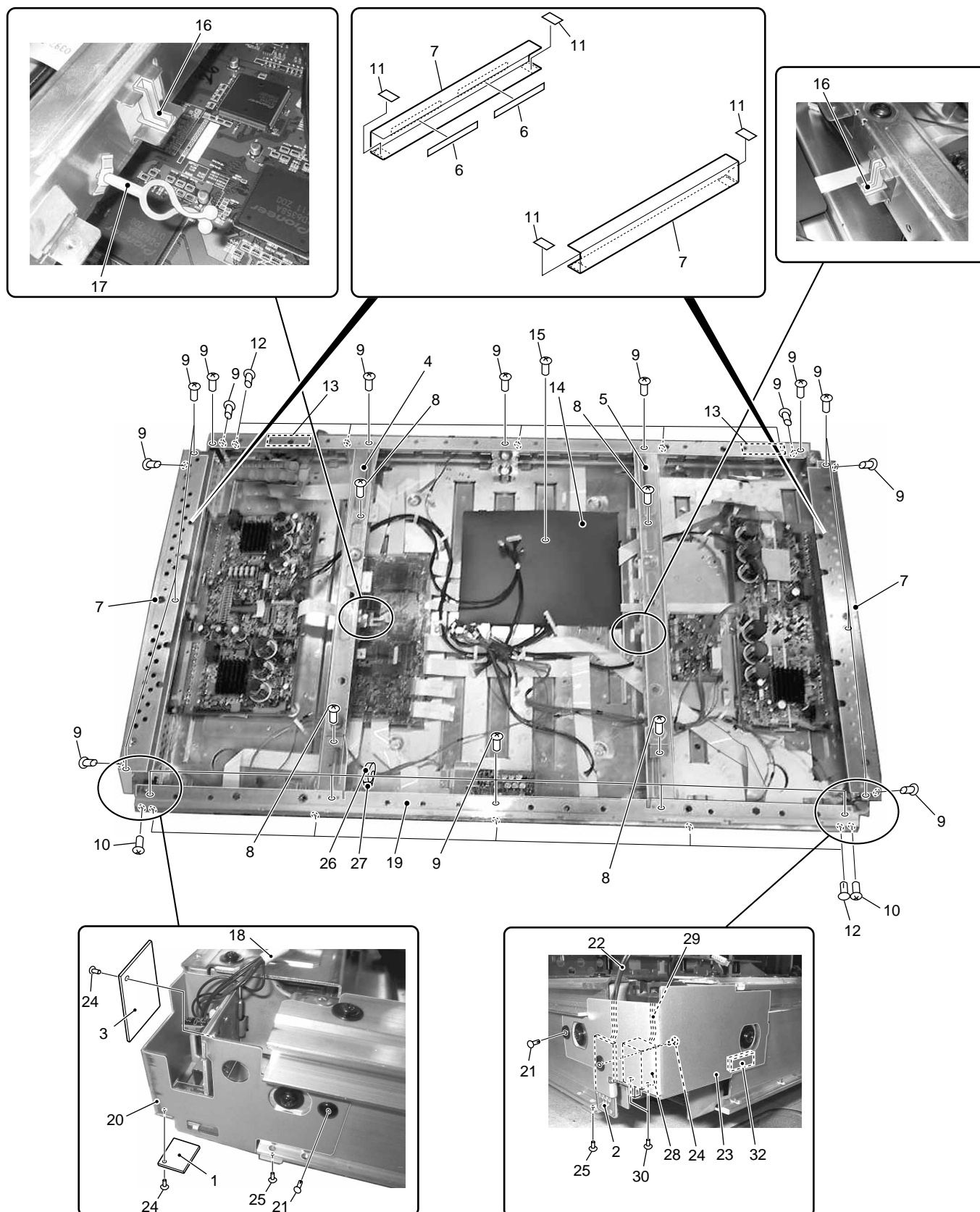


Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

UNDER LAYER SECTION (5) PARTS LIST

NSP 1	9GJAWZ6626	—	ADR CONNECT A Assy	—
NSP 2	9GJAWZ6627	—	ADR CONNECT B Assy	—
NSP 3	9GJAWZ6628	—	ADR CONNECT C Assy	—
NSP 4	9GJAWZ6629	—	ADR CONNECT D Assy	—
5	9GJAWZ6691	—	ADR RESONANCE Assy	—
6	9GJAWZ6620	—	BRIDGE A Assy	—
7	9GJAWZ6621	—	BRIDGE B Assy	—
8	9GJAWZ6622	—	BRIDGE C Assy	—
9	9GJAWZ6623	—	BRIDGE D Assy	—
10	9GJAWZ6689	—	SUB ADDRESS A Assy	—
11	9GJAWZ6690	—	SUB ADDRESS B Assy	—
NSP 12	9GJAWZ6617	—	SCAN (A) Assy	—
NSP 13	9GJAWZ6616	—	SCAN (B) Assy	—
14	9GJAWZ6645	—	Y DRIVE Assy	—
15	9GJAWV1903	—	DIGITAL VIDEO Assy	—
16	9GJAWZ6660	—	SENSOR Assy	—
NSP 17	9GJAWZ6618	—	X CONNECTOR (A) Assy	—
NSP 18	9GJAWZ6619	—	X CONNECTOR (B) Assy	—
19	9GJAWV1901	—	X DRIVE Assy	—
NSP 20	9GJAWV1934	—	V MID CLAMP Assy	—
NSP 21	9GJADX2759	—	J121 5P Housing Wire	—
22	9GJAE1879	J	Flat Clamp	AL
23	9GJADX2776	—	J120 5P Housing Wire-L (PZ-50HV2/50HV2U)	—
24	9GJADX2704	J	J110 3P Housing Wire	AL
25	9GJADX2701	J	J108 8P Housing Wire	AN
26	9GJADX2726	J	J101 Wire F	AS
27	9GJADX2694	J	J102 Wire E	AY
28	9GJADX2700	J	J103 13P Housing Wire	AU
29	9GJADX2756	J	J116 4P Housing SP Wire	AN
30	9GJADX2720	J	J109 Wire G (PZ-50HV2E)	AN
30	9GJADX2743	J	J109 Wire G (PZ-50HV2/50HV2U)	AN
31	9GJAE1879	J	Binder (PZ-50HV2E)	AA
32	9GJADX2756	J	J117 4P Housing SP Wire	AN

MIDDLE LAYER SECTION (1)

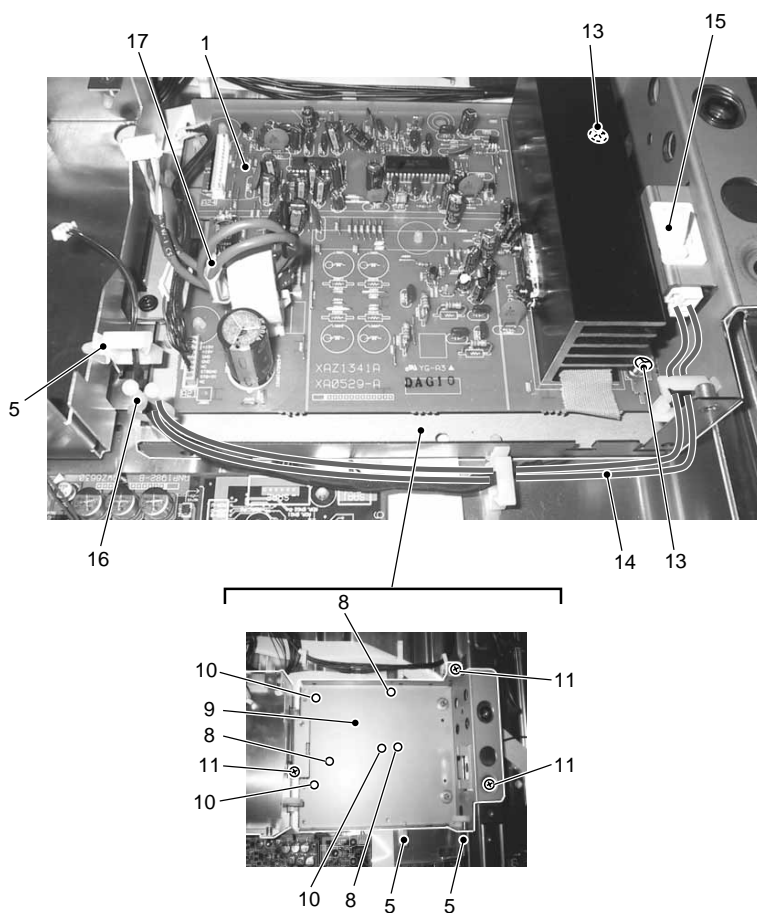
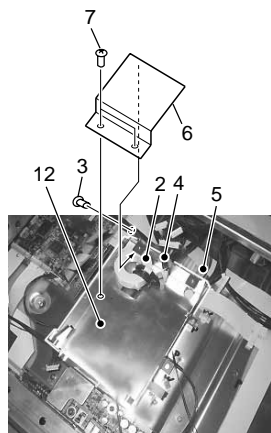


Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

MIDDLE LAYER SECTION (1) PARTS LIST

	1	9GJAWZ6658	—	IR RECEIVE (P) Assy	—
	2	9GJAWZ6655	—	LED Assy	—
	3	9GJAWZ6657	—	FRONT KEY CONN Assy	—
	4	9GJANG2455	J	Sub Frame L	BB
	5	9GJANG2456	J	Sub Frame R	BC
	6	9GJAE1370	J	FPC Cushion	AL
NSP	7	9GJANA1661	—	Front Chassis V	—
	8	9GJABA1283	J	Screw	AE
	9	9GJABA1294	J	Screw	AD
	10	9GJBMZ30P060FM	J	Screw	AB
	11	9GJAE1205	J	V Cushion	AL
NSP	12	9GJAE1902	—	Card Spacer	—
NSP	13	9GJAMR3300	—	Spacer B	—
	14	9GJAMR3291	J	Power Sheet	AW
	15	9GJBEC1066	J	Rivet	AL
	16	9GJBEC1144	J	Card Corner Holder	AL
	17	9GJBEC1136	J	Niplocker	AL
	18	9GJADX2718	J	J113 Wire J	AQ
NSP	19	9GJANA1683	—	Front Chassis H	—
NSP	20	9GJANG2494	—	IR Holder	—
	21	9GJAE1671	J	Nylon Rivet	AE
	22	9GJADX2732	J	J104 3P Housing Wire	AL
NSP	23	9GJANG2493	—	Switch Holder	—
	24	9GJBMZ30P040FM	J	Screw	AD
	25	9GJABZ30P050FZ	J	Screw	AD
	26	9GJATX1037	J	Ferrite Core (L6)	AR
	27	9GJAE1818	J	Ferrite Core Holder	AF
	28	9GJASG1082	J	Power Switch (S1)	AR
	29	9GJADX2723	J	J106 Wire PC	AC
	30	9GJBMZ30P060FZ	J	Screw	AD
	31	—	—	—	—
	32	9GJANK1695	J	Gascket R (PZ-50HV2/50HV2U)	AL

MIDDLE LAYER SECTION (2)

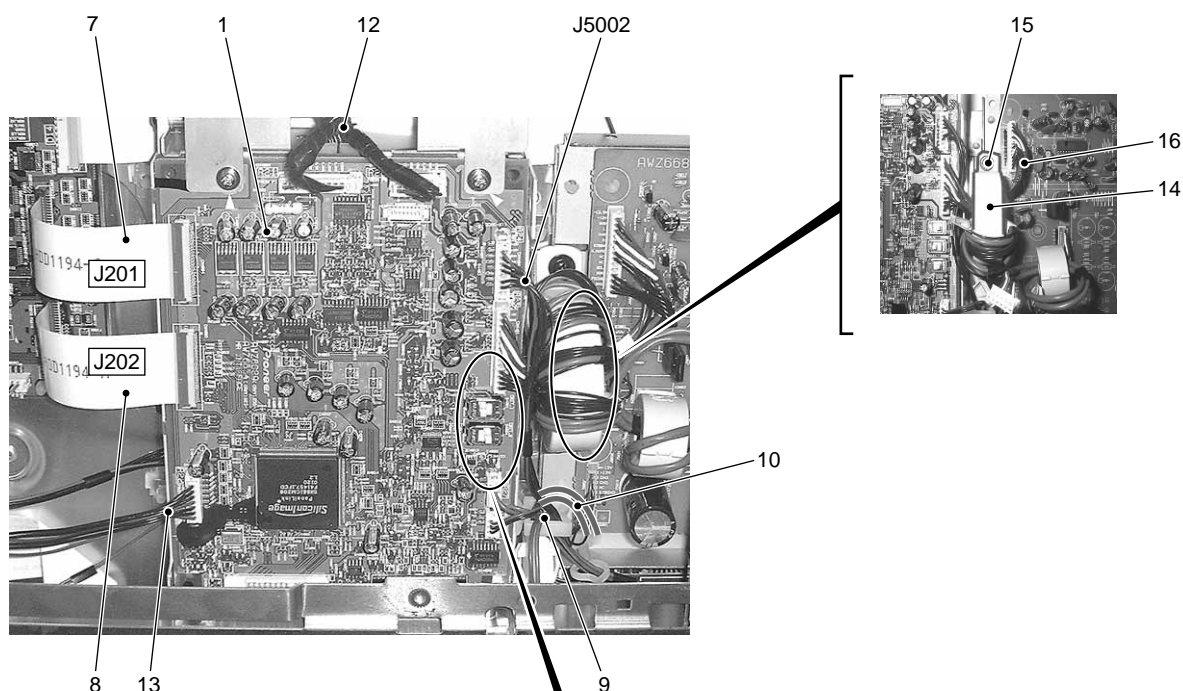
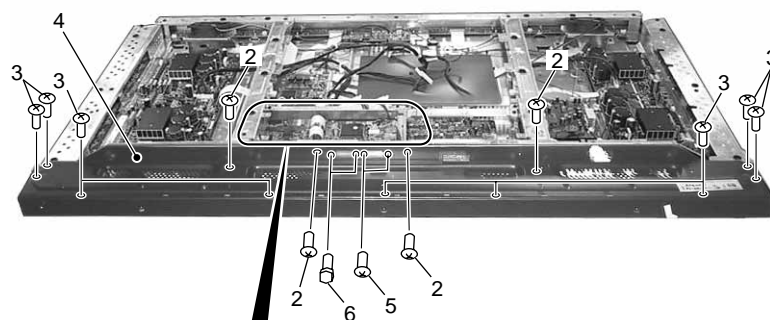


Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

MIDDLE LAYER SECTION (2) PARTS LIST

	1	9GJAWZ6687	—	AUDIO AMP Assy	—
	2	9GJATX1042	J	Toroidal Core (L2)	AZ
	3	9GJABA1294	J	Screw	AD
	4	9GJAE1571	J	Edge Saddle	AE
	5	9GJAE1745	J	Wire Saddle	AD
	6	9GJAMR3298	J	IF Sheet	AQ
	7	9GJAEP-211	J	Nylon Rivet	AE
	8	9GJAE1570	J	PWB Spacer	AE
	9	9GJANA1687	J	Audio Base	BA
	10	9GJAE1360	J	Spacer	AF
	11	9GJAMZ30P060FZ	J	Screw	AD
	12	9GJANA1675	J	IF Shield	BD
	13	9GJPMB30P060FN	J	Screw	AD
	14	9GJADX2757	J	J215 3P Housing Wire	AE
△	15	9GJASG1089	J	Power Switch (S2)	AS
	16	9GJBEC1136	J	Niplocker	AL
	17	9GJADX2735	J	J214 3P Housing Wire	AL

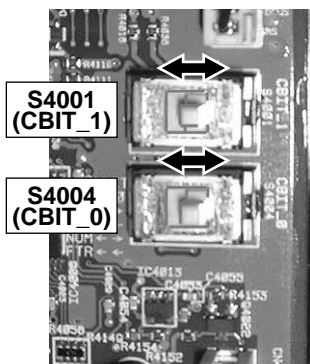
UPPER LAYER SECTION (1)



Caution in the MR INTERFACE Assy Replacement

Set the slide switches in accordance with applicable model when replacing the MR INTERFACE Assy.

	S4001 CBIT_1	S4004 CBIT_0
PZ-50BD3 (PZ-50HV3)	→	→
PZ-50HV2	→	→
PZ-50HV2E	→	→
PZ-50HV2U	→	→

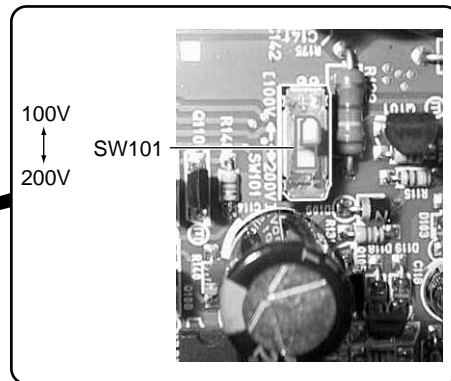
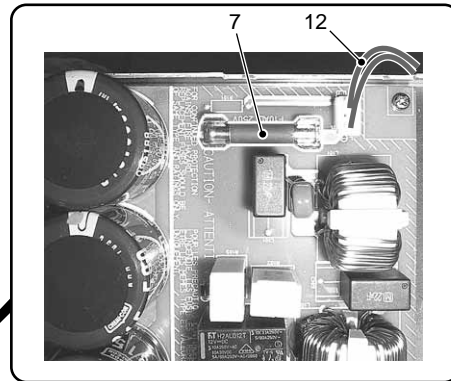
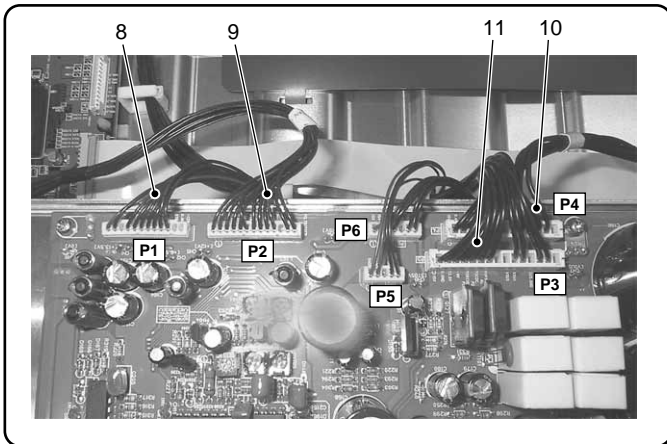
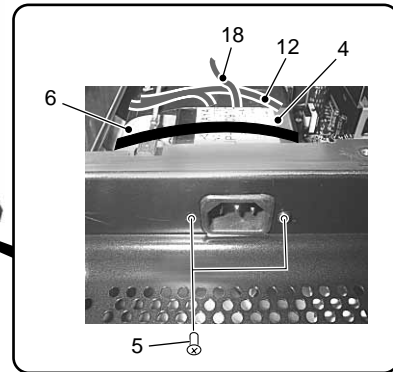
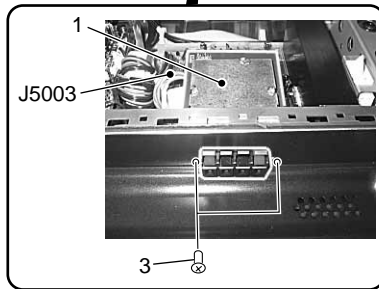
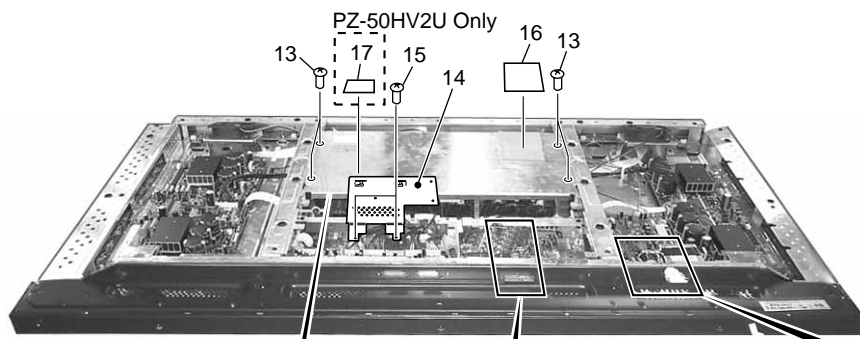


Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

UPPER LAYER SECTION (1) PARTS LIST

1	9GJAWZ6694	J	MR INTERFACE Assy	BS
2	9GJAMZ30P060FZ	J	Screw	AD
3	9GJTBZ40P080FZ	J	Screw	AD
4	9GJANG2510	J	Terminal Panel P	BK
5	9GJPMZ26P030FZ	J	Screw	AD
6	9GJBBA1051	J	Hexagonal Head Screw	AD
7	9GJADD1194	J	J201 Flexible Flat Cable	AL
8	9GJADD1194	J	J202 Flexible Flat Cable	AL
9	9GJADX2732	J	J104 3P Housing Wire	AL
10	9GJADX2735	J	J214 3P Housing Wire	AL
12	9GJADX2765	J	J118 Wire P	AU
13	9GJADX2718	J	J113 Wire PJ	AQ
14	9GJATX1042	J	Toroidal Core (L3)	AZ
15	9GJABA1294	J	Screw	AD
16	9GJADX2730	J	J111 14P Housing Wire	AT

UPPER LAYER SECTION (2)

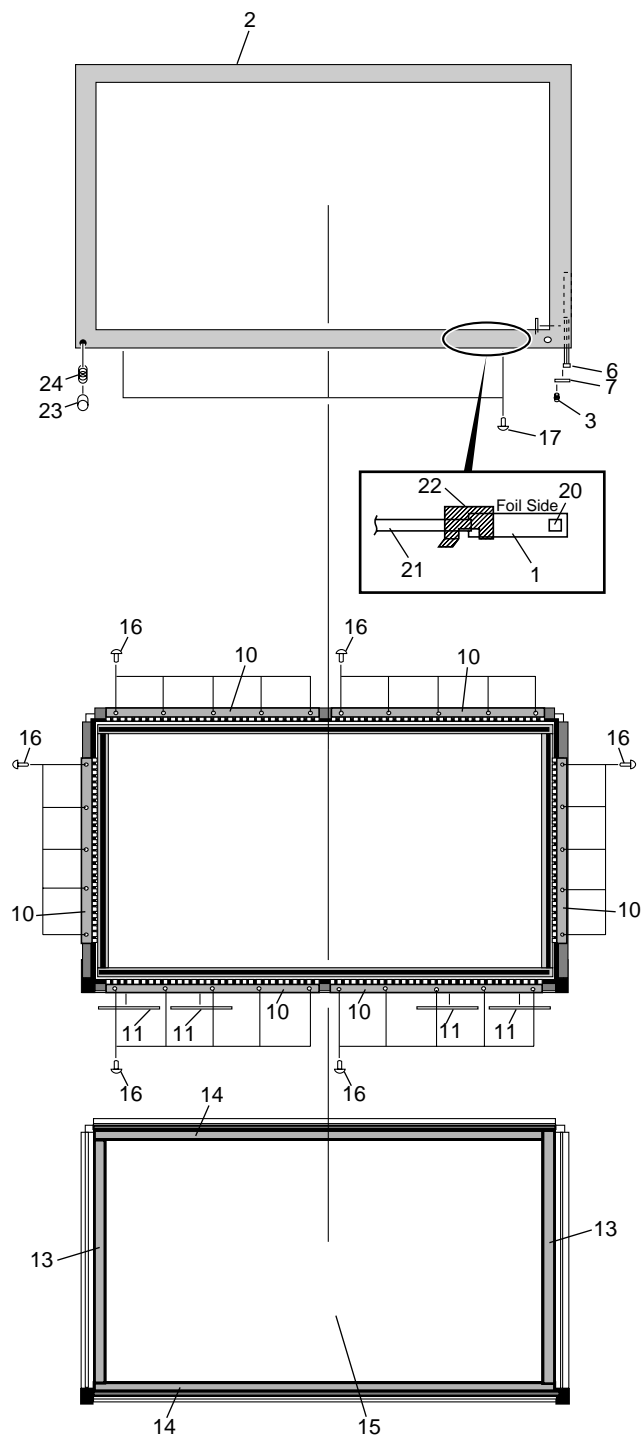


Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

UPPER LAYER SECTION (2) PARTS LIST

	1	9GJAWZ6688	—	SP TERMINAL Assy	—
△	2	9GJAXY1055	J	SW Power Supply Module	CP
	3	9GJBPZ30P080FZ	J	Screw	AB
△	4	9GJAKP1223	J	AC Inlet with Noise Filter (CN1)	BL
	5	9GJBMZ30P060FZ	J	Screw	AD
△	6	9GJATX1032	J	Ferrite Core (L1)	AT
△	7	9GJAEK1071	J	Fuse (10A/400V) (PZ-50HV2/2E)	AZ
△	7	9GJAEK1069	J	Fuse (10A/125V) (PZ-50H2U)	AL
	8	9GJADX2765	J	J118 Wire P	AU
	9	9GJADX2726	J	J101 13P Housing Wire	AS
	10	9GJADX2700	J	J103 13P Housing Wire	AU
	11	9GJADX2694	J	J102 Wire E (PZ-50HV2E)	AY
	11	9GJADX2782	J	J102 Wire E (PZ-50HV2/50HV2U)	AY
	12	9GJADX2722	J	J105 Wire PB	AU
	13	9GJAMZ30P060FZ	J	Screw	AD
	14	9GJANA1690	J	IF Earth Metal	AT
	15	9GJPMB30P060FN	J	Screw	AD
	16	9GJAEH1035	J	Silicone Sheet	AQ
	17	9GJAAX2644	J	Solder Warning Label (PZ-50HV2U)	AG
	18	9GJADX2709	J	J114 Earth Wire	AL

FRONT CASE SECTION



Mark Ref. No. Part No. ★ Description Code

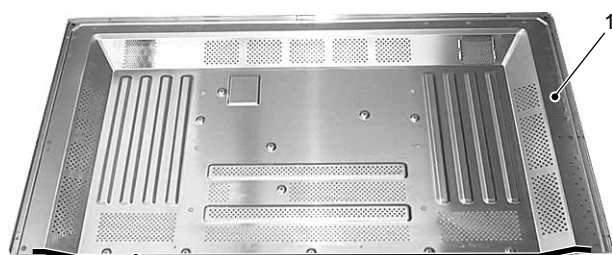
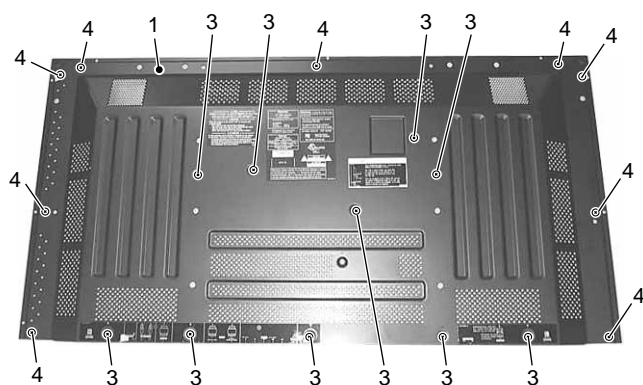
FRONT CASE SECTION PARTS LIST

1	9GJAWZ6656	—	FRONT KEY Assy	—
2	9GJAMB2731	J	Front Case Assy (PZ-50HV2)	BY
2	9GJAMB2709	J	Front Case Assy (PZ-50HV2E)	BY
2	9GJAMB2728	J	Front Case Assy (PZ-50HV2U)	BY
3	9GJAE1877	J	Rivet	AE
6	9GJATX1043	J	Ferrite Core (L5)	AL
NSP 7	9GJAMB3276	—	Lead Cover	—
NSP 10	9GJANG2508	—	Panel Holder	—
11	9GJAE1896	J	Front Spacer	AF
13	9GJAE1199	J	Panel Cushion V	AL
14	9GJAE1198	J	Panel Cushion H	AL
15	9GJAMR3266	J	Protect Panel Assy (PZ-50HV2E)	CX
15	9GJAMR3304	J	Protect Panel Assy (PZ-50HV2/PZ-50HV2U)	CY
16	9GJABZ30P050FZ	J	Screw	AD
17	9GJVMZ30P060FZ	J	Screw	AD
20	9GJAE1913	J	PWB Spacer	AD
21	9GJADD1193	J	J213 Flexible Flat Cable	AL
NSP 22	9GJAEH1052	—	Flexible Seal (P)	—
23	9GJAAD4117	J	Power Button (PZ-50HV2E)	AL
23	9GJAAD4118	J	Power Button (PZ-50HV2/PZ-50HV2U)	AQ
24	9GJABH1107	J	Coil Spring	AG

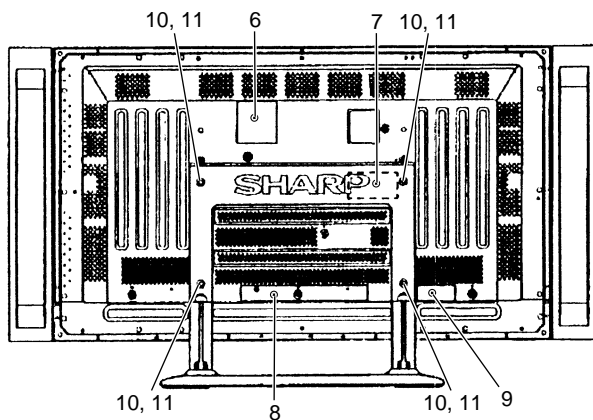
REAR SECTION

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

REAR SECTION PARTS LIST



● Bottom View



1	9GJANE1599	J	Rear Case (50P)	BZ
2	9GJANK1688	J	Gascket A	BA
3	9GJAMZ30P060FZ	J	Screw	AD
4	9GJTBZ40P080FZ	J	Screw	AD
NSP 6	9GJAAL2379	-	Name Label (HD) (PZ-50HV2)	—
NSP 6	9GJAAL2376	-	Name Label (HD) (PZ-50HV2E)	—
NSP 6	9GJAAL2378	-	Name Label (HD) (PZ-50HV2U)	—
7	9GJAAX2886	J	Bolt Caution Label	AS
8	9GJAAX2867	J	Terminal Display Label A	AQ
9	9GJAAX2868	J	Terminal Display Label B (PZ-50HV2E)	AQ
9	9GJAAX2888	J	Terminal Display Label B (PZ-50HV2/PZ-50HV2U)	AQ
10	9GJTMZ50P150FC	J	Screw, x4	AD
11	9GJWB80FNI	J	Washer, x4	AD

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

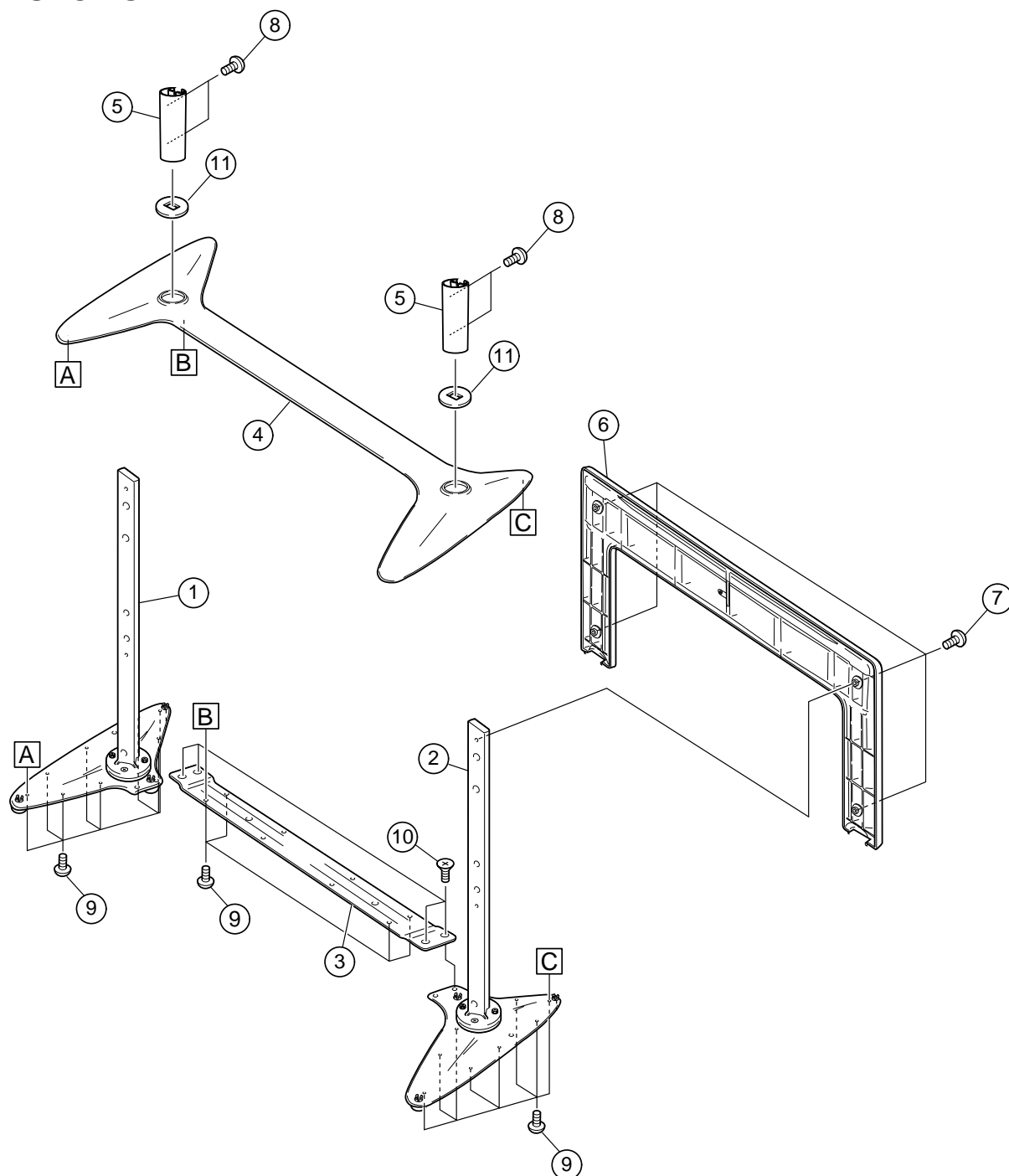
STAND SECTION PARTS LIST

1	9GJANG2515	J	Stand pipe-L	BS
2	9GJANG2516	J	Stand pipe-R	BS
3	9GJANG2495	J	Stand	BC
4	9GJAMR3307	J	Base Cover	BH
5	9GJAMR3275	J	Stand pipe Cover, x2	BG

Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------

6	9GJAMR3308	J	Stand Read Cover	BQ
7	9GJTMZ50P150FC	J	Screw, x4	AD
8	9GJTMZ50P080FC	J	Screw, x4	AD
9	9GJTPZ40P100FC	J	Screw, x20	AD
10	9GJAMZ30P060FC	J	Screw, x4	AD
11	9GJAE1372	J	Cushion, x2	AL

STAND SECTION



PDP SERVICE ASSY 503 (9GJAWU1040)

PDP Service Assy 503 (9GJAWU1040) consists of the following parts.

Mark	Ref. No.	Part No.	★	Description	Code
		9GJAWU1040	J	PDP Service Assy503	
NSP		9GJAWU1037	—	Panel Chassis (50) Assy	—
NSP		9GJAWV1898	—	SCAN FUKUGO ASSY	—
NSP		9GJAWV1900	—	ADDRESS FUKUGO ASSY	—
NSP		9GJAXF1110	—	Address Module (IC1 - IC40)	—
NSP		9GJADY1065	—	FPC (0003)	—
NSP		9GJADY1066	—	FPC (J0001)	—
NSP		9GJANA1655	—	Chassis	—
NSP		9GJANA1656	—	Base Chassis	—
NSP		9GJANH1595	—	Scan Heatsink	—
NSP		9GJANG2457	—	Corner Angle A	—
NSP		9GJANG2458	—	Corner Angle B	—
NSP		9GJAMR3262	—	Tube Cover	—
		9GJAEH1037	J	Silicone Sheet 50	BF
		9GJAEH1038	J	Adhesive Tape 50	BE
NSP		9GJAEH1051	—	Adhesive Tape B (50)	—
		9GJAEH1015	J	Pin Grommet	AE
		9GJAEH1889	J	Card Spacer	AE
		9GJAEH1040	J	Scan Silicone Sheet	AQ
NSP		9GJAAV1238	—	Plasma Panel Assy	—
		9GJVBB30P100FN	J	Screw	AD
NSP		9GJANA1661	—	Front Chassis V	—
NSP		9GJANA1679	—	Front Chassis H (W)	—
NSP		9GJANA1683	—	Front Chassis H	—
NSP		9GJANG2499	—	Sub Frame L	—
NSP		9GJANG2500	—	Sub Frame R	—
		9GJABK1026	J	Scan IC Spring (L)	AW
		9GJABK1027	J	Scan IC Spring (R)	AW
NSP		9GJANG2464	—	Metal Fitting	—
		9GJAEH1370	J	FPC Cushion 50	AL
NSP		9GJAEH1253	—	PWB Spacer	—
		9GJAEH1736	J	Locking Card Spacer	AE
		9GJAEH1872	J	Circuit Board Spacer	AE
		9GJAEH1873	J	Circuit Board Spacer	AD
		9GJAEH1896	J	Spacer	AF
NSP		9GJAEH1902	—	Card Spacer	—
		9GJAEH1904	J	Wire Saddle	AL
		9GJAEH1198	J	Panel Cushion H	AL
		9GJAEH1199	J	Panel Cushion V	AL
		9GJAEH1205	J	V Cushion	AL
		9GJAMR3263	J	Insulation Sheet	AL
		9GJAMR3271	J	Scan Insulation Sheet	AL
		9GJBEC1136	J	Niplocker	AL
		9GJBEC1144	J	Card Corner Holder	AL
		9GJABA1283	J	Screw	AE
		9GJABA1294	J	Screw	AD
		9GJABZ30P060FM	J	Screw	AD
		9GJBMZ30P060FM	J	Screw	AB
		9GJPMB30P060FN	J	Screw	AD
		9GJVBB30P100FN	J	Screw	AD
		9GJABA1259	J	Bolt	AL
NSP		9GJAH2203	—	Corner Pad	—
NSP		9GJAH2204	—	Corner Pad	—
NSP		9GJAH3119	—	Upper Carton	—
NSP		9GJAH3120	—	Under Carton	—
NSP		9GJAHG1291	—	Packing Sheet	—
NSP		9GJAHK1012	—	Fitting Board	—
NSP		9GJWB80FZB	—	Washer	—

■ Caution in Replacement of Chassis Block

Please order the PDP Service Assy 503 (9GJAWU1040) when replacing the Chassis block.

PDP Service Assy 503 is all common use parts of for business, public use and module.

Supply it by the state that installed Circuit Board Spacer (9GJAE1872) and Wire Saddle (9GJAE1878) as follows.

Therefore need to remove it in accordance with model.

Confirm character carved a seal near the parts, and remove it.

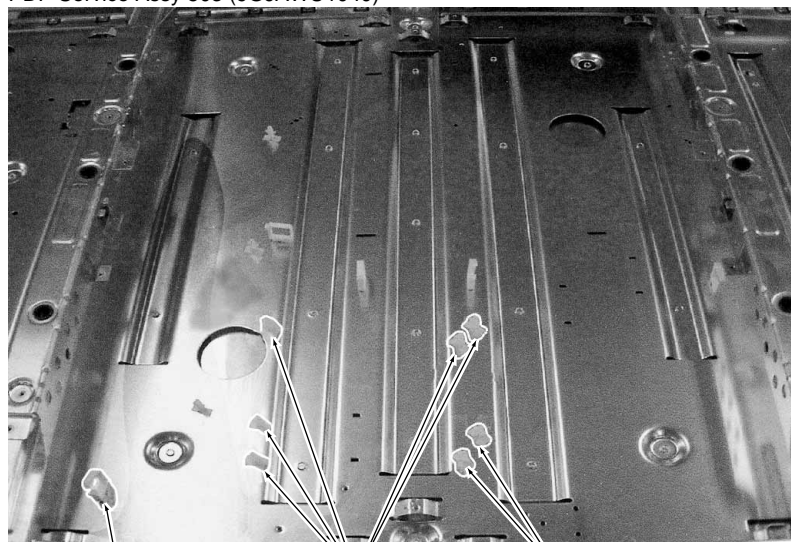
P : Public exclusive use

W : Module exclusive use

PW : Common use of public use and module

* In case of this unit, the parts that "W" is marked removes all.

PDP Service Assy 503 (9GJAWU1040)



Wire Saddle
(9GJAE1878)
(There is marking of "P" nearby.)

Circuit Board Spacer
(9GJAE1872)

Circuit Board Spacer
(9GJAE1872)

Mark	Ref. No.	Part No.	★	Description	Code	Mark	Ref. No.	Part No.	★	Description	Code
------	----------	----------	---	-------------	------	------	----------	----------	---	-------------	------

PACKING PARTS LIST

	1	9GJAH3098	J	Packing Case (PZ-50HV2E)	BH
	1	9GJAH3122	J	Packing Case (PZ-50HV2U)	BH
	1	9GJAH3126	J	Packing Case (PZ-50HV2)	BH
	2	9GJAH3107	J	Carton	AZ
	3	9GJAH2281	J	Pad A	BD
	4	9GJAH2284	J	Pad B	BD
	5	9GJAH2285	J	Pad C	BD
	6	9GJAH2286	J	Pad D	BD
	7	9GJAHG1329	J	Mirro Mat	AQ
	7	9GJAHG1284	J	Mirro Mat	AP
	8	9GJAHB1245	J	Side Sheet (R), (L)	AL
NSP 9		Not Available	—	Poly Bag (Accessories)	—
NSP 10		Not Available	—	Protect Film Sheet	—
NSP 11		Not Available	—	PP Tape	—
NSP 12		Not Available	—	Serial No. Label	—
13		RSP-ZA008WJN2	J	Speaker Set (L), (R)	CS

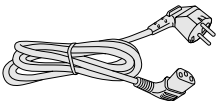
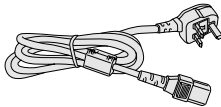
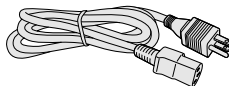
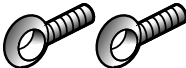
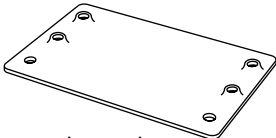
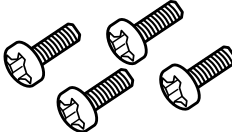
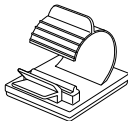
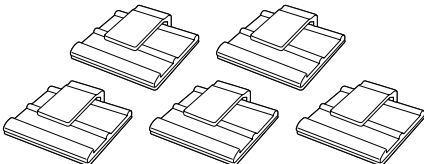

SUPPLIED ACCESSORIES

NSP	9GJAHG1303	—	Poly Bag (Power Cord)	—
	9GJAED1197	J	Wiping Cloth	AY
	9GJAE1916	J	Adjust Clamp (System Cable)	AG
	9GJADG1173	J	Power Cord (PZ-50HV2E:for Europe)	BE
	9GJADG1193	J	Power Cord (PZ-50HV2E:for U.K.)	BH
	9GJADG1178	J	Power Cord (PZ-50HV2U)	BE
	9GJANG2496	J	Stopper for Stand	BA
	9GJTMZ50P080FC	J	Screw, x4	AD
	9GJABA1261	J	Special Screw	AW
	9GJAE1510-A	J	K-Clip, x5 (SP Cable)	AH

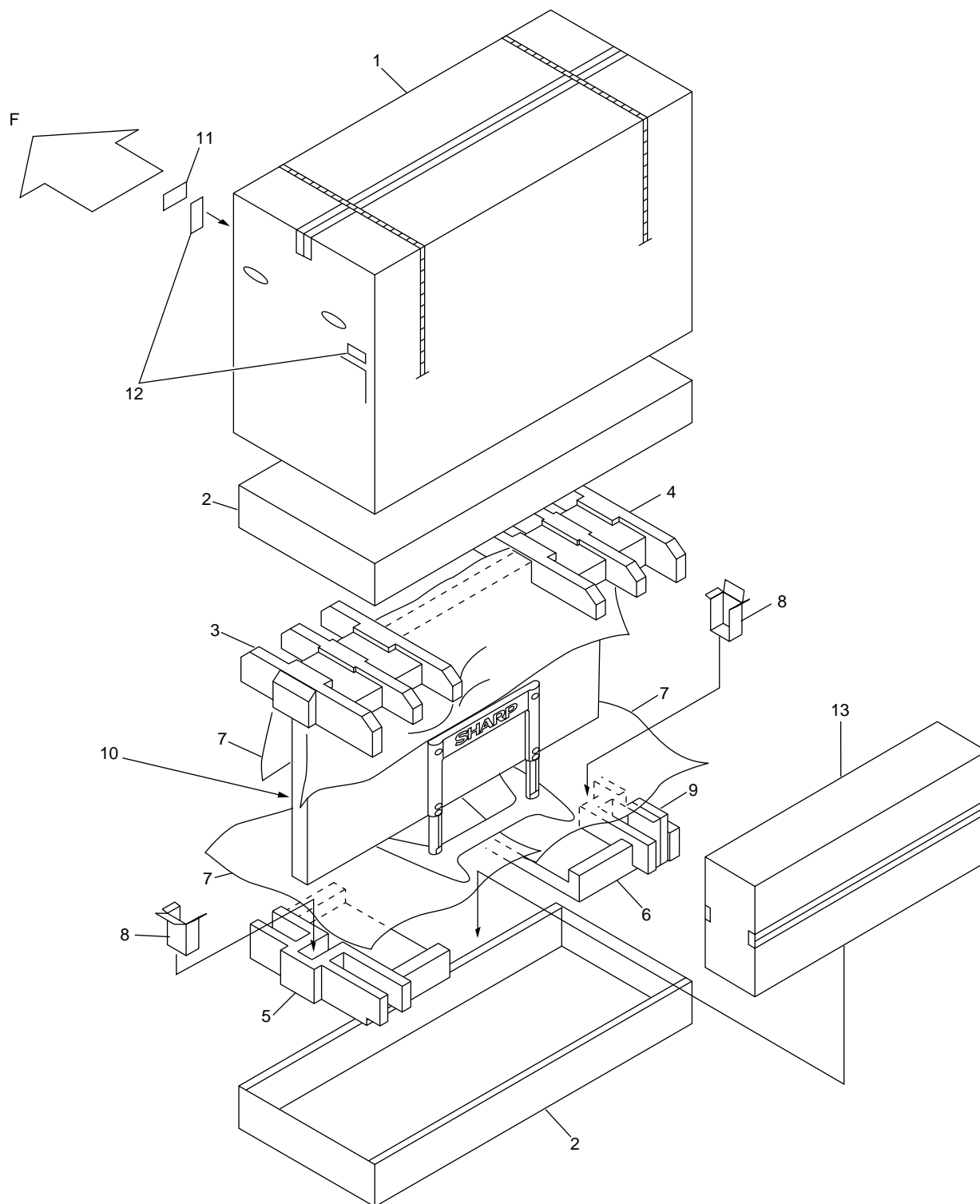
MISCELLANEOUS PARTS

9GJAE1375	J	Cusion (Front) (PZ-50HV2/PZ-50HV2U)	AL
9GJAE1914	J	Spacer (PZ-50HV2/PZ-50HV2U)	AE
9GJAE1915	J	Spacer (Button) (PZ-50HV2/PZ-50HV2U)	AG
9GJAX2897	J	Terminal Label-A	AS
9GJAX2900	J	Terminal Label-B (PZ-50HV2U)	AQ
9GJAX2899	J	Terminal Label-B (PZ-50HV2E)	AQ
9GJABA1259	J	Screw	AL
9GJABA1307	J	Screw	AD

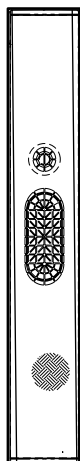
• Accessories

Power cord		
		
PZ-50HV2E (For Europe, except U.K. and Eire)	PZ-50HV2E (For U.K., and Eire)	PZ-50HV2U (For North America)
		
Two screws for preventing the System from falling over	Set stand securing bracket	Four screws for set standr securing bracket
		
System cable clamp	Five speaker cable clamps	Cleaning cloht

PACKING OF THE SET



SPEAKER SYSTEMS



SPEAKER SET

MODEL **RSP-ZA008WJN2**

OUTLINE

Speaker System for the PLASMA DISPLAY TV
[Appropriate Model]

This speaker system is for exclusive use with models PZ-50HV2/50HV2E/50HV2U

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "△" in the Replacement Parts Lists.

The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |
| 5. CODE | 6. QUANTITY |

NOTES

- Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
- The △ mark found on some component parts indicates the importance of the safety factor of the part.
Therefore, when replacing, be sure to use parts of identical designation.

in **USA**: Contact your nearest SHARP Parts Distributor.
For location of SHARP Parts Distributor,
Please call Toll-Free; 1-800-BE-SHARP

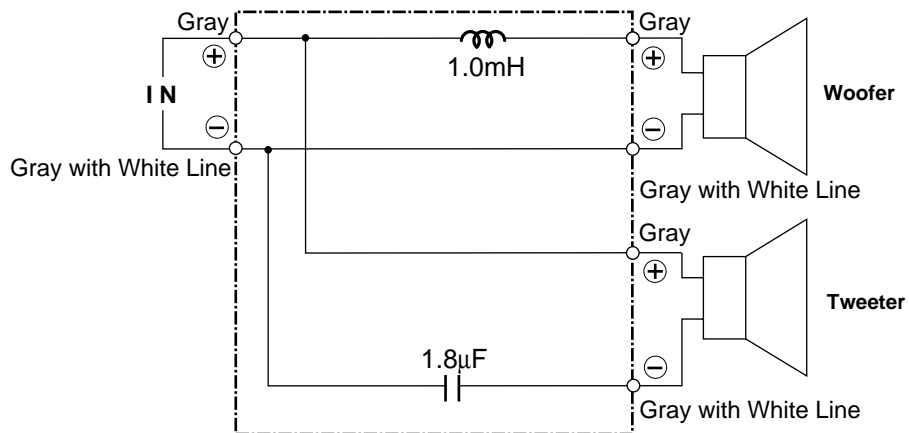
in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100.

MARK ★: SPARE PARTS-DELIVERY SECTION

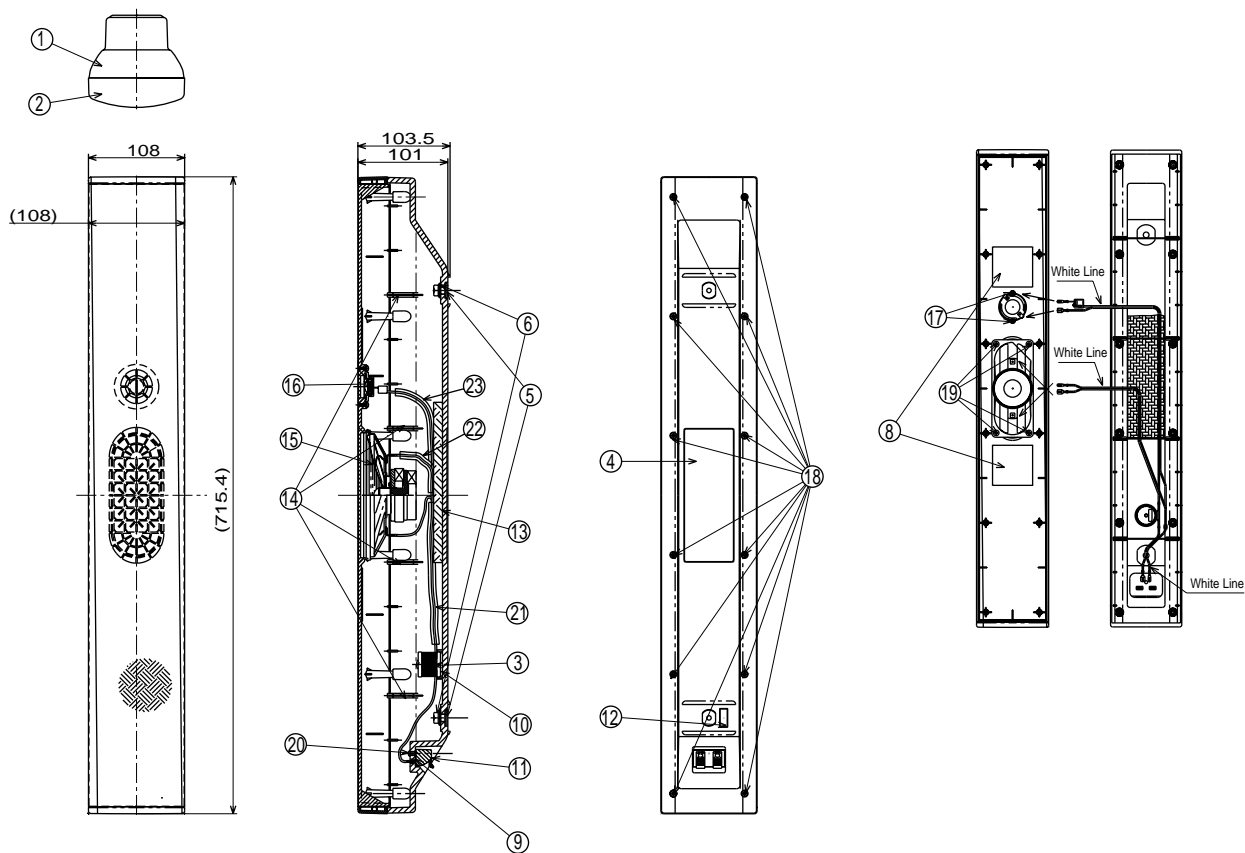
Mark	Ref. No.	Part No.	★	Description	Code	Mark	Ref. No.	Part No.	★	Description	Code
CABINET PARTS											
		RSP-ZA008WJN2	J	SPEAKER SET (L, R)	CS		10	9GJSEC1589	J	Gasket(*)	AG
NSP 1		9GJSNK2575	—	Cabinet	—		11	9GJSKX1077	J	In-Put Terminal	AT
NSP 2		9GJSXB1444	—	Baffle Assy (PZ-50HV2E)	—	NSP 12		9GJSME3282	—	Stamped Serial Label	—
NSP 2		9GJSXB1446	—	Baffle Assy (PZ-50HV2/50HVU)	—	NSP		9GJSRW1088	—	Serial Label	—
	3	9GJSWN1688	J	Network Assy	BD	NSP 13		9GJSMV2111	—	Acoustic Absorbent	—
NSP 4		9GJSAN3075	—	Model Label	—		14	9GJSNA1410	J	Metal Reinforce	AL
	5	9GJSBA1091	J	Flanged Anchor Bolt	AL		15	9GJA142CU6151F	J	Speaker (Woofer)	BC
	6	9GJSBN1002	J	Serrated Flanged Nut	AE		16	9GJFK26AP0269F	J	Speaker (Tweeter)	BA
	7	—					17	9GJAPZ30P080FM	J	Screw(*)	AD
	8	9GJSEC1586	J	Gasket(*)	AG		18	9GJBPZ30P160FZ	J	Screw(*)	AD
	9	9GJSEC1584	J	Gasket(*) (PZ-50HV2E)	AE		19	9GJBPZ40P080FM	J	Screw(*)	AD
	9	9GJSEC1587	J	Gasket(*)	AE		20	9GJBPZ40P160FM	J	Screw(*)	AD
							21	9GJSEC1605	J	Gasket(*) (PZ-50HV2/50HVU)	AL
							22	9GJSEC1606	J	Gasket(*) (PZ-50HV2/50HVU)	AG
							23	9GJSEC1607	J	Gasket(*) (PZ-50HV2/50HVU)	AJ

SCHEMATIC DIAGRAM

Network Assy (9GJSWN1688)



CABINET PARTS AND DIMENSIONS



(Unit : mm)

Mark Ref. No. Part No. ★ Description Code

PACKING PARTS

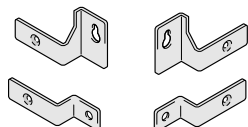
		9GJSEA1585	J	Spacer Set (PZ-50HV2/50HVU)	AW
NSP		9GJSEC1602	—	Spacer	—
NSP		9GJSHC1784	—	Sheet	—
		9GJSHC1782	J	Protection Sheet S4 (PZ-50HV2E)	L
		9GJSHC1783	J	Protection Sheet S5 (PZ-50HV2/50HV2U)	L
		9GJSHD1050	J	Spacer	AN
		9GJSHG2405	J	Packing Case	AU
		9GJSME3280	J	Side Pad Assy	AW
		9GJSHB1102	J	Side Pad1	AL
		9GJSHB1103	J	Side Pad2	AL
		9GJSHB1104	J	Side Pad3	AL
NSP		9GJSME3283	—	Stamped Serial Label	—
NSP		9GJSRW1089	—	Serial Number Label	—

Mark Ref. No. Part No. ★ Description Code

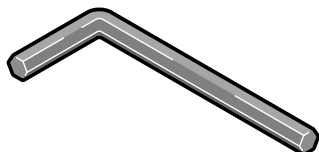
SUPPLIED ACCESSORIES

		9GJSEA1581	J	Speaker Wire Set	AT
		9GJSDS1129	J	Speaker Wire	AQ
		9GJSDS1130	J	Speaker Wire	AQ
		9GJSHL1178	—	Polyethylen Bag S1	—
NSP		9GJSEA1582	—	Accessories Assy	—
NSP		9GJSEA1578	J	Bracket Set	AZ
		9GJSHL1326	J	Polyethylen Bag S1	AD
		9GJSNA1406	J	Bracket	AU
		9GJSEA1579	J	Bracket(R) Set	AX
		9GJSHL1326	J	Polyethylen Bag S1	AD
		9GJSNA1407	J	Bracket(R)	AW
		9GJSEA1580	J	Bracket(L) Set	AX
		9GJSHL1328	J	Polyethylen Bag S1	AD
		9GJSNA1408	J	Bracket(L)	AW
		9GJSEA1583	—	Screw Set	—
		9GJCMZ50P120FZ	J	Screw	AD
		9GJSBA1160	J	Bolt	AG
		9GJSEX1015	J	Hexagon Lench	AL
		9GJSHL1326	J	Polyethylen Bag S1	AD
		9GJSHL1327	J	Polyethylen Bag S1	AD

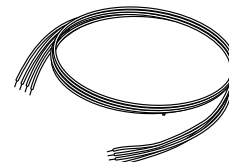
• Accessories



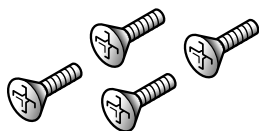
Four speaker brackets



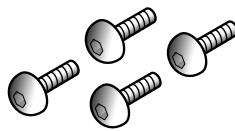
Hexagon wrench



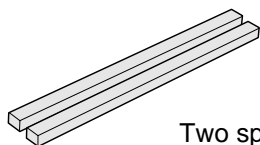
Two speaker cables



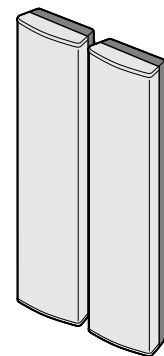
Four screws for speaker bracket



Four screws for speaker bracket

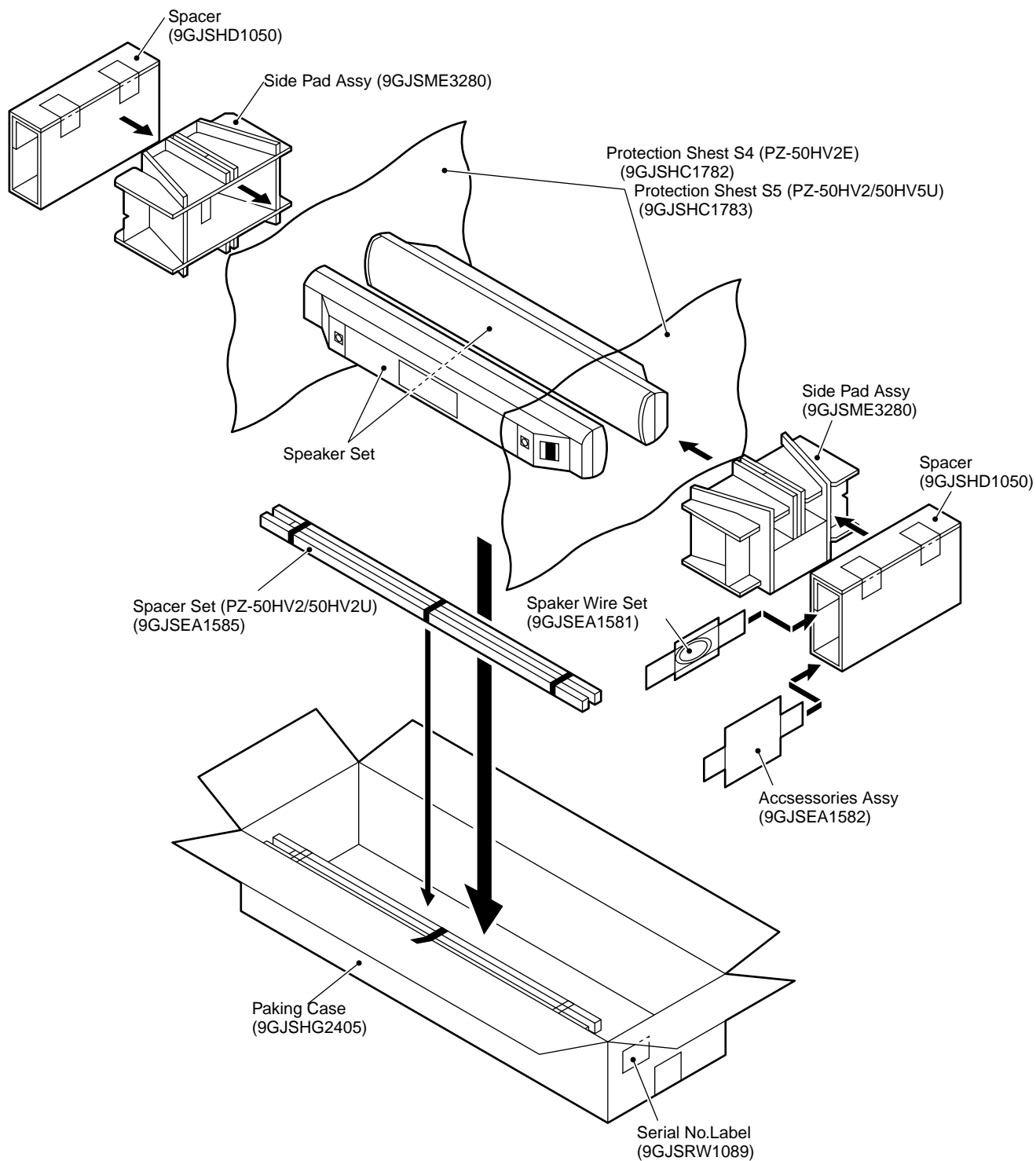


Two spacers for speakers



Two speakers

PACKING OF THE SET



SHARP

COPYRIGHT © 2003 BY SHARP CORPORATION

ALL RIGHTS RESERVED.

No part of this publication may be reproduced,
stored in a retrieval system, or transmitted in
any form or by any means, electronic, mechanical,
photocopying, recording, or otherwise, without
prior written permission of the publisher.

TQ1450-S
Mar. 2003 Printed in Japan
In Japan gedruckt

Design and Production Information

Design : Japan
Production : Japan

SY. KG

SHARP CORPORATION
AV Systems Group
Quality & Reliability Control Center
Yaita, Tochigi 329-2193, Japan